



QUARTERLY REPORT BOTTLED WATER QUALITY

(July-September, 2020)



PAKISTAN COUNCIL OF RESEARCH IN WATER RESOURCES
Ministry of Science & Technology
Khyban-e-Johar, H-8/1, Islamabad.
www.pcrwr.gov.pk

July-September, 2020



SUMMARY

The poor quality of drinking water has forced a large cross-section of citizens to buy bottled water. However, many of the mineral water companies were found selling contaminated water. To monitor and improve the quality of bottled water, the government of Pakistan through Ministry of Science and Technology has designated the task for quarterly monitoring of bottled/mineral water brands to PCRWR. According to the monitoring report for the quarter July-September, 2020 following is the brief overview of the findings.

Quarterly Monitoring of Bottled/Mineral Water (July-September, 2020)

Item	No.	% age
Total No. of Brands Collected	125	-
Overall Safe Brands	114	91%
Overall Unsafe Brands	11	9%
Chemically Safe Brands	116	93%
Chemically Unsafe Brands	09	7%
Microbiologically Safe Brands	122	98%
Microbiologically Unsafe Brands	03	2%

Name of Targeted Cities (14)	(Islamabad, Quetta, Gilgit, D.G.Khan, Peshawar, Sahiwal, Multan, Faisalabad, Karachi, Bahawalpur, Tando Jam, Sialkot, Muzaffarabad, Lahore)
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Unsafe Brands	Nurturmil Water	Manufactured by: Mac & Raina HealthCare(Pvt)Ltd.540-D,Sundar Industrial Estate Raiwind Road, Lahore.
	Care Life	M/s Taj & Sons: Taj Mahal Marquee, Renala Khurd Bypass, Disstt Okara.
	Chenab	Product by: CHENAB Pure Water Add: Street 1 Nishat Abad, Faisalabad.
	Royal Pure Life	Filled by: A.R Water, Marketed by Royal Pure Life, 0306-8784800; 0300-7243181 Reg No. KHB-B3-1/85671234
	Pure Nature	PAK Enterprises:9 km G.T. Road, Rachna Town Ferozwala, Shahdrah Lahore
	Blu Plus	Nazir Enterprises Dera Bakha Bahawalpur Nazirenterprises509@gmail.com
	Vitella	YHY Enterprises: www.vitella.com 021- 34314258 0305-2515995
	Sunlay	A Product of HPE: Plot No 60 Sec 51, Super highway Karachi.
	Aqua King	A Product of HPE: Plot no 60, Sec 51 Super highway Karachi.
	AquaStar	A Product by: AQUA STAR S.I.T.E Karachi. 03222186401; 03161073043
Elayn Plus	A Product Of Sajjid Food Industry Shadab Colony (Hamaytian) Bahawalpur	



INTRODUCTION

Drinking water quality is deteriorating continually due to biological contamination from human waste, chemical pollutants from industries and agricultural inputs. Piped water also gets contaminated because pipes are laid very close to sewerage lines or open drains and cause many serious waterborne diseases. It was found that 45% of infant deaths have been attributed to diarrhea and about 60% to overall infectious waterborne diseases in Pakistan. According to the World Health Organization (WHO) 25-30% of the diseases are gastro-intestinal in nature. The poor quality of drinking water has forced a large cross-section of citizens to buy bottled water. As a consequence of this expanding market a mushroom growth of bottled water industry in the country is witnessed during the last few years. However, many of the mineral water companies were found selling contaminated water. To monitor and improve the quality of bottled water, the government of Pakistan has designated the PCRWR as focal point agency.

1. Ministry of Science & Technology informed PCRWR Vide U.O. No. 5(21)/2004-ATA-II dated 17.10.2005 that the Cabinet in its meeting under the chairmanship of Prime Minister directed Ministry of Science & Technology to undertake regular survey/samples of bottled/mineral water and publicize the results on a quarterly basis and follow up with punitive/legal action.
2. Ministry of Science & Technology has assigned the task of quality monitoring of bottled water and publicize the results to PCRWR Vide U.O. No.1(1)/2005-Secy (MoST) dated 8.12.2005.

PCRWR SAMPLING METHODOLOGY

No. of Brands Collected	125	
No. of Cities Targeted(14)	(Islamabad, Quetta, Gilgit, D.G.Khan, Peshawar, Sahiwal, Multan, Faisalabad, Karachi, Bahawalpur, Tando Jam, Sialkot, Muzaffarabad, Lahore)	
Composition of Sampling Team as per MoU Signed between PCRWR & PSQCA	One Research Officer and one Laboratory Assistants from PCRWR and Senior staff member and field officer from PSQCA.	
Sampling Procedure	Samples of commercially available brands of mineral/bottled water were collected from local market of fourteen cities of Pakistan. These samples were collected by the senior staff members of National Water Quality Laboratory (NWQL) of PCRWR Head Office and Regional/district Water Quality Laboratories of PCRWR during July-September, 2020. A set of four bottles of each brand was collected and sealed on site. Identification codes were allotted to all the brands according to PCRWR Bottled Water Classification System.	
Transparency	Sample No. 1	Handed over to shopkeeper at the time of sample collection
	Sample No. 2	Preserved in the National Water Quality Laboratory of PCRWR, Islamabad for future record
	Sample No. 3	Used for Microbiological Analysis
	Sample No. 4	Used for Physico-chemical Analysis



PCRWR BOTTLED WATER CLASSIFICATION SYSTEM

Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
Water Empire	BWA-01	Islamabad	22/07/2020	07/2021	0.5 Liter	Collected from manufacturing point	Plot No.156, Japan Road, Islamabad.
Deosai	BWA-02	Islamabad	22/07/2020	01/2021	0.6 Liter	Collected from manufacturing point	3 km Japan Road, Sihala Khurd Sihala, Islamabad
Aqua Green	BWA-03	Islamabad	22/07/2020	07/2021	0.6 Liter	Collected from manufacturing point	Aqua Green Plot No. 372 Japan Road, Naval Encourage Gate No.2, Islamabad
Hyder	BWA-04	Islamabad	23/07/2020	01/2021	1.5 Liter	Collected from manufacturing point	Office: 6, 7, 14, 15 Main Double Road, Commercial Plaza Block H, Soan Garden, Islamabad.
Calci Dew	BWA-05	Islamabad	23/07/2020	03/2021	0.6 Liter	Collected from manufacturing point	Plot No. 3, Khasra No. 659 Sohan, Near Khalid Bin Waleed Masjid Federal Area, Sohan Islamabad
Maple Plus	BWA-06	Islamabad	23/07/2020	12/2020	1.5 Liter	Collected from manufacturing point	Maple Plus Purification Plant Plot No. 2, Near Khalid Bin Waleed Masjid Federal Area, Sohan Islamabad
Springley	BWA-07	Islamabad	23/07/2020	01/2021	19 Liter	Plot No.1, Muhammadi Town Sohan, Islamabad	Qarshi Industries (Pvt.) Ltd Jam-e-Shirin Boulevard, 15-G Gulberg III, Lahore
Nestol	BWA-08	Islamabad	23/07/2020	07/2021	0.6 Liter	Collected from manufacturing point	Khana Dak, Park Area Pindorian, Islamabad
Fresh Life	BWA-09	Islamabad	23/07/2020	07/2021	0.5 Liter	Collected from manufacturing point	Main Hall, Khana Dak, Park Area Pindorian, Islamabad.
MARWA Water	BWA-10	Islamabad	24/08/2020	01/2021	1.5 Liter	Collected from manufacturing point	Plot No. 1, Street B-1, Sector B, Marwa Town, Islamabad.
Nestle	BWA-11	Quetta	06/07/2020	-	1.5 Liter	Saleem Medical Complex Quetta.	Bottled by Nestle Pakistan Ltd. 308-upper Mall, Lahore. www.nestlepurelife.com/pk
AquaFina	BWA-12	Quetta	06/07/2020	-	1.5 Liter	Al-Rahim Healers Pharmacy Saleem Complex Quetta.	Purified and filled by Pakistan Beverages Ltd, Survey# 212, Deh Konkar, District Malir Karachi.
Dasani	BWA-13	Quetta	06/07/2020	-	1.5 Liter	Saleem Medical Complex Quetta.	The Coca Cola Company by Coca Cola Beverages Pakistan Ltd. (CCBPL 26 FCC, Syed Maratab Ali road, Gulberg IV, Lahore.
JEL	BWA-14	Quetta	06/07/2020	-	1.5 Liter	Rusk n Cake Saleem Complex Quetta.	Produced by MEGAFINE Industries: Plot No. A-79 Industrial Area Malir, Karachi.
Ice land	BWA-15	Quetta	06/07/2020	-	1.5 Liter	Jahan Zaib Hotel Jinnah Road, Quetta.	ICELAND water 02,first floor Gul Plaza Shabaz Town Phase 1 Quetta.
Nurturmil Water	BWA-16	Quetta	06/07/2020	-	1.5 Liter	Saleem Medical Complex Quetta.	Manufactured by: Mac & Raina Health Care (Pvt) Ltd. 540-D, Sundar Industrial Estate Raiwind Road, Lahore.



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
Mashmoom Aqua	BWA-17	Quetta	06/07/2020	-	1.5 Liter	Zam Zam Sweets & Bakers Shahbaz Town, Quetta.	Plot # 154/3 & 154/4, Phase 5, Industrial Estate Hattar, District Haripur. K.P.K
CHILTAN AQUA	BWA-18	Quetta	06/07/2020	-	1.5 Liter	Jameel Juice Corner Universal Complex Quetta.	A Product By: BMG Foods Qambarani Road, Quetta,.
Himalaya	BWA-19	Gilgit	15/07/2020	06/2021	1.5 Liter	Sultan Bakers Danyore Chowk Near Microfinance Bank Danyore.	A Product of Ali Foods & Beverages: Main KKH Juglood Guro Gilgit, Pakistan alifoodsandbeverages@gmail.com
SUJO	BWA-20	Gilgit	15/07/2020	05/2021	1.5 Liter	Collected from manufacturing point	A Product of Sujo Punar: Salar Road, Jutial Gilgit. www.sujopunar.com
Vividle	BWA-21	Gilgit	15/07/2020	05/2021	1.5 Liter	Sultan Alf Bakers Adjacent Microfinance Bank Danyore.	Bottled by Vividle Private Limited: Near Old China Bridge, Danyore Gilgit www.vividle.com
AQUA SWAG	BWA-22	D.G.Khan	15/07/2020	05/2021	0.6 Liter	Al-Raza Medical Store, Block No.48 Pir Qataal Road, Near DHQ Hospital D.G Khan.	Produced by: SWAG Enterprises Timber Market Main 100 Feet Road, Dera Ghazi Khan.
Star	BWA-23	D.G.Khan	15/07/2020	07/2021	0.6 Liter	Khurram Medical Store, Block No.48 Pir Qataal Road, Near DHQ Hospital D.G Khan.	Peer Adil Taunsa Road, Dera Ghazi Khan. 0300-4224777 0335-6664499
Wadi Mina	BWA-24	D.G.Khan	15/07/2020	06/2021	0.6 Liter	Zeeshan Pharmacy, Near DHQ Hospital D.G.Khan.	A.Z. Enterprise 3-km Yaro Road Churahta Dera Ghazi Khan.
Himalaya Cool	BWA-25	D.G.Khan	15/07/2020	06/2021	0.6 Liter	Jamal Pharmacy Block No.2,D.G.Khan.	Himalaya Enterprises: Faiz Yaseen Colony, 3-km JamPur Road, Pul Shoria, D.G.Khan
Aquatic Fresh	BWA-26	Peshawar	06/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	Royal Food Industries: Plot#1-C, Industrial Estate Hayatabad, Peshawar
Aqua DORE	BWA-27	Peshawar	06/08/2020	07/2021	0.5 Liter	Collected from manufacturing point	Muzaffarabad by: Roman Brother's 119-B, Industrial Estate Hayatabad Peshawar.
Wah Water	BWA-28	Peshawar	06/08/2020	-	0.6 Liter	Collected from manufacturing point	RG Enterprises: Plot # 141, 7-Industrial Estate, Hayatabad, Peshawar. Web: www.aqwah.com
OXY	BWA-29	Peshawar	06/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	YAD Beverages (Pvt) Ltd. Plot NO. 119 Industrial Estate Hayatabad Peshawar.
Aquamin Plus	BWA-30	Peshawar	06/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	Bottled By Naseer & Sons: Plot No. 143, Affridi Marbal Industrial Estate Hayatabad Peshawar
NEBRASKA	BWA-31	Peshawar	06/08/2020	12/2021	0.6 Liter	Collected from manufacturing point	Bottled at Dew Point Healthcare Water Purification and Processing Facility: 12- C, Industrial Estate, Hayatabad, Peshawar
BREATHE	BWA-32	Peshawar	06/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	Gul Brothers: Plot No.120-A, Industrial area Hayatabad, Peshawar



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
TOP UP	BWA-33	Peshawar	06/08/2020	07/2021	0.5 Liter	Collected from manufacturing point	Top Up Industry: Plot# C-3, Industrial Estate Hayatabad Peshawar
Aqua Pure Smart	BWA-34	Peshawar	06/08/2020	06/2021	0.6 Liter	Collected from manufacturing point	K &S Khawaja & Sons: Plot No. 45-A, Industrial Estate Hayatabad Peshawar
Aqua Splash	BWA-35	Peshawar	06/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	Euro International: 192- A Industrial Estate, Hayatabad, Peshawar
Natural Aqwah	BWA-36	Peshawar	06/08/2020	-	1.5 Liter	Collected from manufacturing point	RG Enterprises: Plot # 141, 7-Industrial Estate, Hayatabad, Peshawar. Web:www.aqwah.com
Moya Mineral	BWA-37	Peshawar	06/08/2020	-	1.5 Liter	Collected from manufacturing point	Al-Saudia Enterprises: Plot 580/B Main Gulberg Peshawar Cantt.
Care Life	BWA-38	Sahiwal	17/08/2020	07/2021	0.6 Liter	Al-Mansoor Pharma, Hi Street, Sahiwal.	M/s Taj & Sons: Taj Mahal Marquee, Renala Khurd Bypass, Distt Okara.
Fresco	BWA-39	Sahiwal	17/08/2020	06/2021	0.6 Liter	Hamza Karyana, Store Sahiwal.	Manufactured by Hygine Enterprises: Multan Road, Lahore.
Freshin	BWA-40	Sahiwal	17/08/2020	07/2021	0.6 Liter	Javed Medical, Store Sahiwal.	F.R. Foods: Plot No. 364, Jeevan City Phase 1, Madhali Road, Sahiwal.
SIP	BWA-41	Sahiwal	17/08/2020	08/2021	0.5 Liter	Zeeshan Traders Multan Road, Sahiwal	Bottled by: Healthy Sip 6-B, Main Boulevard Bahria Town, Lahore.
Elovina Water	BWA-42	Islamabad	24/08/2020	01/2021	1.5 Liter	Collected from manufacturing point	Plot No. 17, Street No. 3, Federal Area, Sohan Islamabad.
DrinkIt Pure	BWA-43	Islamabad	24/08/2020	01/2021	19 Liter	Collected from manufacturing point	Plot No. 27, Street No. 3-A, Muhammadi Town, Islamabad.
OPAL	BWA-44	Islamabad	24/08/2020	03/2021	1.5 Liter	Collected from manufacturing point	Shop No.1 Dost Muhammad Market, Lehtar Road, Islamabad.
AQUAFINA	BWA-45	Multan	25/08/2020	03/2021	0.5 Liter	Nasir Medical Store, Double Phattak Multan	Purified & Filled by Bottles (Pvt) Ltd. 32- N, Gulberg II Lahore Under appointment from PepsiCo
Dasani	BWA-46	Multan	25/08/2020	05/2021	0.5 Liter	Alam Medical Pharmacy Chungi No. 21 Multan.	The Coca Cola Company by Coca Cola Beverages Pakistan Ltd. (CCBPL 26 FCC, Syed Maratab Ali road, Gulberg IV, Lahore.
FAIHA	BWA-47	Multan	25/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	Bottled by Faiha Enterprises Multan green Road kekar wala Sujana Pur Multan Pakistan
Alfalah	BWA-48	Multan	25/08/2020	07/2021	0.6 Liter	Collected from manufacturing point	Western fort Commercial Area Qasim Bela, Multan Cantt. wateralfalah@gmail.com
New Classic	BWA-49	Multan	25/08/2020	08/2021	0.5 Liter	Alam medical Pharmacy Chungi No. 21 Multan.	Bottled by: Classic Consumables Plot No. 74-B, Industrial Estate Phase II, Multan.
Nation	BWA-50	Faisalabad	25/08/2020	08/2021	0.6 Liter	Usman Gujjar Tuck Shop G.T.S Chowk Faisalabad.	Rameez Enterprises: 9-km G.T Road Rachna Road Feroz wala.



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
Fresco Healthy Water	BWA-51	Faisalabad	25/08/2020	11/2020	0.5 Liter	Hafiz Tuck Shop G.T.S Chowk Faisalabad	PS: 221-2010 CML/N-740/15
McWay Water	BWA-52	Faisalabad	25/08/2020	04/2021	0.5 Liter	M.A Akram G.T.S Chowk Faisalabad,	A product of Mcway water services bottled and source at near shell pump Yassin Pura St # 2 Main Styana Road Faisalabad.
ATLANTIS Water	BWA-53	Faisalabad	25/08/2020	01/2021	0.5 Liter	786 Shop GTS Chowk Faisalabad,	Plot no 57, Street No. 17 Dastageer colony west canal road Faisalabad.
CHENAB	BWA-54	Faisalabad	25/08/2020	03/2021	0.6 Liter	Tanveer Tuck Shop G.T.S Chowk Faisalabad	Product by: CHENAB Pure Water Add: Street 1 Nishat Abad, Faisalabad.
Royal Pure Life	BWA-55	Faisalabad	25/08/2020	08/2021	0.5 Liter	Idress Pan Shop Lari Adda Faisalabad.	Filled by: A.R Water, Marketed by Royal Pure Life 0306-8784800 0300-7243181 Reg No. KHB-B3-1/85671234
Pure Nature	BWA-56	Faisalabad	25/08/2020	08/2021	0.5 Liter	City Tuck Shop GTS Chowk Faisalabad.	PAK Enterprises: 9 km G.T. Road, Rachna Town Ferozwala, Shahdera Lahore
NEO	BWA-57	Karachi	24/08/2020	-	0.6 Liter	Danish Milk Shop Bilal Masjid, Bilal Colony, Landhi No.22 Bin Qasim School.	Address: plot No. 96, Malir Industrial Area Malir 15, Karachi. E-mail: neovattan@gmail.com
Culligan	BWA-58	Karachi	24/08/2020	08/2021	0.5 Liter	Sohani Sweets Bakari and Nimko Shop No.06 Milk Apartment Malir No.1 Karachi.	Bottled By: Culligan Water of Pakistan, Johan (Pvt) Ltd.F-17/A, Hub River Road, S.I.T.E Karachi.
Blue Plus	BWA-59	Karachi	24/08/2020	-	0.6 Liter	Ammar Cold Drink Shop Malir Cantt Check Post No.6 Karachi.	Q.N Traders: S.I.T.E Karachi.
YES	BWA-60	Karachi	24/08/2020	12/2020	0.6 Liter	Super Karkar Karakari Store Safora Chorangi Karachi.	Mega Fina Industrial Area, Plot No.A-79, Malir Karachi
Vitella	BWA-61	Karachi	24/08/2020	-	0.6 Liter	Kammdan General Store Shah Latif A-17 Bin Qasim Karachi.	YHY Enterprises: www.vitella.com 021-34314258 0305-2515995
Aqua Best	BWA-62	Karachi	24/08/2020	-	0.5 Liter	M.S Bisharat General Store, Bhains Colony Near Razia, Hospital Karachi.	BB-19 Defense view Karachi.
PERSIA Water	BWA-63	Karachi	24/08/2020	-	0.6 Liter	M.S Bisharat General Store, Bhains Colony Near Razia, Hospital Karachi.	-
AM 2 PM	BWA-64	Karachi	24/08/2020	-	0.6 Liter	Time General Store, Geo News Stop Super Highway Karachi.	TM#522293
Crystal Maya	BWA-65	Karachi	24/08/2020	-	0.6 Liter	Malik Nasar Ullah Khan General Store, Geo News Stop Super Highway Karachi.	A Product of Asghar and Sons
Dropice	BWA-66	Karachi	24/08/2020	-	0.6 Liter	Malik Nasar Ullah Khan General Store, Geo News Stop Super Highway Karachi.	TM 428572 0306-2009099 0314-7739595



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
UF Pure Edge	BWA-67	Karachi	24/08/2020	-	0.6 Liter	New Quetta Darbar Hotel Geo News Stop Super Highway Karachi.	A product by UF Enterprises: A 80/A ground Floor Block-01, Metrovill 3 rd Abul Hasan Isphani Scheme -33, Gulistan-e-Johar Karachi.
Water Right	BWA-68	Karachi	24/08/2020	-	0.6 Liter	Malik Store Gulistan-e-Johar,Block-4.	0313-3798495 0315-2164060 Asghar & Sons Distributor WAY Traders Digri.
One Pure Drinking Water	BWA-69	Karachi	25/08/2020	-	0.6 Liter	Main Mirza Adam Khan Road, Lyari Karachi.	A Product by: JEELANI Groups Address: Main National High Way Sujawal Road, Thatta Company. onepuredrinkingwater50@gmail.com
Sunlay	BWA-70	Karachi	25/08/2020	06/2022	0.6 Liter	Bilal General Store main Gate Sindh Govt Lyari General Hospital Karachi.	A Product Of HPE: Plot No 60 Sec 51, super highway Karachi.
Al-UMER	BWA-71	Karachi	25/08/2020	-	0.6 Liter	Al-Umer Noorani Masjid Road, Near Noorani Masjid, Lyari Colony Karachi.	alumerwatershop@gmail.com 0307-2526200 0312-2395278
Aqua King	BWA-72	Karachi	25/08/2020	06/2022	0.6 Liter	Pasheen Super And General Store, Street No.18 Masjid Road, Bihayaa Colony, Karachi.	A Product Of HPE: Plot no 60, Sec 51 Super highway Karachi.
Water Plus	BWA-73	Karachi	25/08/2020	12/2022	0.6 Liter	Ali Bakari Main General Store, St. No. 11, Affshan Road, Bihayaa Colony, Karachi.	Bottled by MEGAFINE Industries: Plot no.A-79 Industrial Area Malir, Karachi.
Aqua Star	BWA-74	Karachi	25/08/2020	-	0.5 Liter	Qaseem General Store, Masjid Road Near Jamia Masjid Bihayaar Colony, Karachi	A Product by: AQUA STAR S.I.T.E Karachi. 03222186401 03161073043
Active Plus	BWA-75	Karachi	25/08/2020	-	0.6 Liter	New Quetta Zam Zam Hotel Near, Hub Karachi. Stop Lea Market Karachi.	Bottled by: Saleem & Sons Enterprises 03351333987 03202308808
JEL	BWA-76	Karachi	25/08/2020	12/2021	0.6 Liter	Akbar general Store, Malir Bus Stop Lea Market Karachi.	Produced by MEGAFINE Industries: Plot no.A-79 Industrial Area Malir, Karachi.
Elayn Plus	BWA-77	Bahawalpur	28/08/2020	08/2021	0.6 Liter	New Shan Sweet and Bakers Bahawalpur.	A Product Of Sajjid Food Industry Shadab Colony (Hamaytian) Bahawalpur
National	BWA-78	Bahawalpur	28/08/2020	07/2021	0.5 Liter	Madina Pharmacy Model Town C Bahawalpur.	Nazir Enterprises Dera Bakha Bahawalpur nazirenterprises509@gmail.com
Gourmet	BWA-79	Bahawalpur	28/08/2020	08/2021	0.6 Liter	Gourmet Store Railway Bahawalpur.	Gourmet Foods: Gate # 1, Plot 1-5, Sunder Industrial Estate, Raiwind Sunder Road, Lahore, Pakistan



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
KaraKorum Flow	BWA-80	Bahawalpur	28/08/2020	06/2021	1.5 Liter	Usman Pharmacy Model Town C Bahawalpur.	KARAKORUM Food (Pvt) Limited. 21-km Off Ferozpur Road Lahore. www.karakorumfood.com
Pine'o	BWA-81	Bahawalpur	28/08/2020	01/2021	1.5 Liter	Med One Pharmacy Model Town C Bahawalpur.	Under Licence: Gysing Pak DDR-1, PSIE Bahawalpur. gysing@live.com
OSLO	BWA-82	Tando Jam	18/10/2020	-	0.6 Liter	H. Asif Super Store, Qasimabad Hyderabad.	Oslo International, Karachi. 14 Ramzan Chamber Dr. Bilmoria Street off: 1.1 Chandigarh Road Karachi.
Icelay	BWA-83	Tando Jam	18/08/2020	-	0.5 Liter	Collected from manufacturing point	International Brand A Quality Product of ICELAY Foods Stuff & Beverages 0300-0344470 0316-7103444 www.icelayinternational.com
Vey	BWA-84	Tando Jam	18/08/2020	-	0.6 Liter	Latif Medical/General Store, Qasimabad Hyderabad.	Fluid Technology Int'l (Pvt) Ltd. 424, Bhayani Center Block-N, North Nazimabad Karachi
New Buxton	BWA-85	Tando Jam	18/08/2020	-	0.5 Liter	Shah Medical Store, Opp. LMU Hyderabad.	Sindh National Industries Hyderabad: Factory Address: Fazal Sun City Hyderabad.
Crystal Spring	BWA-86	Tando Jam	18/08/2020	-	0.5 Liter	Collected from manufacturing point	Plot No. 28, Phase II, Qasimabad Hyderabad. www.crystalspringspk.com
Al-Zaid	BWA-87	Tando Jam	18/08/2020	-	0.6 Liter	Anwaar Medical/General Store Civil Hospital Hyderabad.	Z.M Enterprises: Berabad Hyderabad.
Droplet	BWA-88	Tando Jam	18/08/2020	-	0.6 Liter	Fateh Medical/ General Store, Latifabad Hyderabad.	Bottled By: MAKKAH INTERNATIONAL Address: Block 1-A, Gulistan-e-Johar, Karachi
MAA JEE	BWA-89	Tando Jam	18/08/2020	-	0.6 Liter	Rehman Medical/General Sore, Opp. LMU Hyderabad.	TM #484804 Jacob Road, Hyderabad. 0311-2118382
Handsome Pure	BWA-90	Tando Jam	18/08/2020	-	0.6 Liter	Fateh Medical General Store, Latifabad Hyderabad.	-
SK	BWA-91	Tando Jam	18/08/2020	-	0.5 Liter	Fateh Medical General Store, Latifabad Hyderabad.	A Product by: HPBC Address: Fazal Sun City Hyderabad. 0333-2627241 0300-3207550
Needs	BWA-92	Sialkot	03/09/2020	07/2021	0.5 Liter	Allah Waris Pan Shop, Sialkot.	03348125752 Sambrial Sialkot.
Bake Master	BWA-93	Sialkot	03/09/2020	07/2021	0.5 Liter	Bake Master, Bakery Shahab Pura, Road Sialkot.	Processed and Bottled by: Bake Master Food & Beverages Marala Road New Abadi Muradpur Sialkot.
Sip Urban	BWA-94	Sialkot	03/09/2020	06/2021	0.5 Liter	Jameel Cold Corner, Lari Adda Sialkot.	A Product of K&K Foods and Beverages: Jammu Road, Dalowali, Sialkot 0300-0911926 0332-4767777 urbanwater@gmail.com



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
Masafi	BWA-95	Sialkot	03/08/2020	08/2021	0.5 Liter	Chaudhary Traders Pura Shahab Road, Sialkot.	Masafi Pure Enterprises Eminabad Road, Sialkot.
Isberg	BWA-96	Sialkot	03/09/2020	08/2021	0.5 Liter	Collected from manufacturing point	Premier Water Refining Company: Wazirabad Road, Noul Morr 2 km Roras Road West, Dhabba Sialkot
DJOUR	BWA-97	Sialkot	03/09/2020	08/2021	0.6 Liter	Butt Pan Shop, Defence Road, Near Police Station Saddar Cantt.	Aimanabad Road, Chowk Akbarabad, Sialkot, 51310 Pakistan
Aqua Natural	BWA-98	Sialkot	03/09/2020	08/2021	0.6 Liter	Masha Allah Pan Shop, Sialkot.	Aqua natural khan baba petroleum Gujranwala road Daska
Aqua Royals	BWA-99	Sialkot	03/09/2020	08/2021	0.6 Liter	Collected from manufacturing point	0321-6668883 aquaroyals@gmail.com
Dazzling Water	BWA-100	Sialkot	03/09/2020	08/2021	0.5 Liter	Collected from manufacturing point	IR water Company Sialkot. lrwc2008@yahoo.com
Al-Shalal	BWA-101	Sialkot	03/09/2020	06/2021	0.5 Liter	Malik Daal Chawal Hotel Duburji Chowk, Sialkot.	Bottled and Sourced at AZO Enterprises: Seokay, 14-km Sialkot Aimanabad Road, Sialkot.
Aqua Sea	BWA-102	Sialkot	03/09/2020	07/2021	0.5 Liter	Geo Karyana Store, Near Old Sabzi Mandi, Sialkot.	Product of K&S (Pvt) Ltd. A-22847 Jammu Road Sialkot.
Al-Haider	BWA-103	Sialkot	03/09/2020	03/2021	0.5 Liter	Qalanderi Hotel Defence Road, Near Police Station Saddar Cantt.	Gulshan Iqbal Park, China Chowk, Sialkot.
Pak Nest	BWA-104	Muzaffarabad	01/07/2020	-	0.6 Liter	Collected from manufacturing point	Pak Nest Purification Plant: Main Highway Road, Asgharabad Muzaffarabad. Pak.nestwater@gmail.com 0346-9670199
Popular H2OPE	BWA-105	Muzaffarabad	01/07/2020	-	0.5 Liter	Usman Qurashi General Store Shahnara Tariqabad bypass Muzaffarabad.	Popular Food Industries (Pvt) Ltd. Plot No.155, Industrial Estate Phase II, Multan. 061-6538854-5
Drinklay	BWA-106	Lahore	25/08/2020	08/2021	1.5 Liter	Collected from manufacturing point	Bottled by: Drinklay Water 843-F, Jubilee Town Lahore drinklaywater@gmail.com
Cristalene	BWA-107	Lahore	25/08/2020	03/2021	1.5 Liter	Collected from manufacturing point	A Product of Cristalene Pak Brothers: 30/A-1 Al-Feroz Plaza Commercial Area Valencia Society Lahore. www.cristalene.com
Amfahh	BWA-108	Lahore	26/08/2020	08/2021		543-J Johar Town Lahore.	-
Erie Water	BWA-109	Lahore	25/08/2020	-	1.5 Liter	Collected from manufacturing point	A Project of Sagacious (Pvt) Ltd.99-CII, PGECHS Lahore. www.erie.pk
Jami Water	BWA-110	Lahore	25/08/2020	07/2021		Collected from manufacturing point	A Product of Jami Water Services: Wapda Town Branch Lahore: 318, K-2, Wapda Town, Rehmat Chowk, Lahore. www.jamiwater.com 042-35219733



Brand Name	PCRWR Code	City	Date of Collection	Date of Expiry	Size	Name & Address of Seller/Shop Keeper	Manufacturer's Address
Aqua One	BWA-111	Lahore	25/08/2020	01/2021	1.5 Liter	Collected from manufacturing point	Aqua One Filtration (Pvt) Ltd. 30-A, Niaz Town Main Boulevard (Near Valencia Town) Lahore. www.aquaonefiltration.com
Rahat Water	BWA-112	Lahore	25/08/2020	03/2021	1.5 Liter	Collected from manufacturing point	Rahat Bakers & Departmental Stores Rahat Market, Aziz Bhatti Shaheed Road, Lahore Cantt
Nestle	BWA-113	Lahore	26/08/2020	01/2022		Anchor Super Store, C-Block, Commercial Area, Model Town, Lahore.	Bottled By Nestle Pakistan Ltd. 308-Upper Mall, Lahore
Aqua Gen	BWA-114	Lahore	26/08/2020	08/2021	0.6 Liter	Jinnah Terminal Lahore.	36-Civic Center, Liqueate Chowk, Sabzazar Lahore
Sufi Water	BWA-115	Lahore	26/08/2020	08/2020	0.5 Liter	Sufi Outlet: C Block Market, Model Town, Lahore.	Processed and Bottled by: Hadayat Food Stuffs Industries (Pvt) Ltd.1-B, Garden Block, Garden Town Lahore
Aqua Safe	BWA-116	Lahore	26/08/2020	06/2021	0.6 Liter	Butt Sweets Near Thokar Niaz Baig Raiwind Road, Lahore.	Bottled by Aqua Safe Pakistan: 96-McLeod Road, Lahore aquasafewater@gmail.com
Besal	BWA-117	Lahore	26/08/2020	04/2021	0.5 Liter	Danay Shah Pan Shop Raiwind Road, Near Kachi Kothi, Lahore.	Product by: BESAL 363-K Johar Town, Lahore
Glacial	BWA-118	Lahore	27/08/2020	02/2021	1.5 Liter	Glacial Water Near Allah Hoo Chowk Johar, Town Lahore.	358-E, Johar Town, Lahore www.glacial.pk 0342- 4522425
Pure FLO	BWA-119	Lahore	26/08/2020	07/2021	1.5 Liter	Airline Housing Society Near UCP Lahore.	-
Punjab Water	BWA-120	Lahore	28/08/2020	07/2021	0.5 Liter	Ali Pan Shop & Cold Corner Near Adda Plot Raiwind Road, Lahore.	-
DOCE Water	BWA-121	Lahore	27/08/2020	08/2021	1.5 Liter	Doce Sweets & Bakers Near Shaukat Khanum Hospital, Lahore.	48-M, Quaid-e-Azam Industrial State, Kot Lakhpat, Lahore www.doce.pk
Aqua Life	BWA-122	Lahore	28/08/2020	06/2021	0.6 Liter	Chishti Afzali Super Store Adda Plot Raiwind Road, Lahore.	Filled by: Geo Spin Beverages Food Industry Main Ferozepur Road, Mustafa A bad Kasur.
Blu Water	BWA-123	Lahore	28/08/2020	03/2021	0.6 Liter	Nasir Sweets & Bakers Main Raiwind Road, Lahore.	-
Water Mart	BWA-124	Lahore	28/08/2020	06/2021	1.5 Liter	Chishti Afzali Super Store Adda Plot Raiwind Road, Lahore	Water Mart (Pvt)Ltd. 94-E, PGECHS II, College Road, Lahore www.watermart.com
Natural Cool	BWA-125	Lahore	28/08/2020	10/2020	1.5 Liter	Chishti Afzali Super Store Adda Plot Raiwind Road, Lahore.	G.H.C Enterprises:599-Airline Society Khyaban-e-Jinnah Road, Lahore.



WATER QUALITY PARAMETERS AND METHODS USED FOR ANALYSIS

Sr. #	PARAMETERS	ANALYTICAL METHOD
1.	Alkalinity (mg/l as CaCO ₃)	2320, Standard method (2012) APHA
2.	Arsenic (ppb)	AAS Vario 6, Analytik Jena AG
3.	Bicarbonate	2320, Standard method (2012) APHA
4.	Calcium (mg/l)	3500-Ca-D, Standard Method (2012) APHA
5.	Carbonate (mg/l)	2320, Standard method (2012)
6.	Chloride (mg/l)	Titration (Silver Nitrate), Standard Method (2012) APHA
7.	Color (TCU)	Sensory Test
8.	Conductivity (μS/cm)	E.C meter, Hach-44600-00, USA
9.	Hardness (mg/l)	EDTA Titration, Standard Method (2012) APHA
10.	Magnesium (mg/l)	2340-C, Standard Method (2012) APHA
11.	Nitrate Nitrogen (mg/l)	Cd. Reduction (Hach-8171) by Spectrophotometer
12.	Odor	Sensory Test
13.	pH	pH Meter, Hanna Instrument, Model 8519, Italy
14.	Potassium (mg/l)	Flame photometer PFP7, UK
15.	Sodium (mg/l)	Flame photometer PFP7, UK
16.	Sulfate (mg/l)	SulfaVer4 (Hach-8051) by Spectrophotometer
17.	Phosphate (mg/l)	8190 and 8048 (Hach)
18.	Taste	Sensory Test
19.	TDS (mg/l)	2540C, Standard method (2012) APHA
20.	Turbidity (NTU)	Turbidity Meter, Lamotte, Model 2008, USA
21.	Fluoride (mg/l)	4500-F C. ion-Selective Electrode Method Standard method (2005) APHA
22.	Iron (mg/l)	FerroVer method (HACH Cat. 21057-69)
23.	Total Coliforms(MPN/100ml)	9221-B,C&D, Standard Methods (2012) APHA
24.	E. coli (MPN/100ml)	9221-B,C&D, Standard Methods (2012) APHA



WATER QUALITY PERMISSIBLE LIMITS FOR BOTTLED WATER

Sr. #	Parameter	Units	Permissible Limits		
			WHO	IBWA	PSQCA
1.	Alkalinity	(mg/l)	NGVS	NGVS	NGVS
2.	Bicarbonate	(mg/l)	NGVS	NGVS	NGVS
3.	Calcium	(mg/l)	NGVS	NGVS	100
4.	Carbonate	(mg/l)	NGVS	NGVS	NGVS
5.	Chloride	(mg/l)	250	250	250
6.	Color	(TCU)	15	NGVS	5
7.	Conductivity	(μ S/cm)	NGVS	NGVS	NGVS
8.	Fluoride	(mg/l)	1.5	3	0.7
9.	Hardness	(mg/l)	NGVS	NGVS	NGVS
10.	Iron	(mg/l)	0.3	0.3	0.3
11.	Magnesium	(mg/l)	NGVS	NGVS	50
12.	Odor	-	Odorless	NGVS	Unobjectionable
13.	Nitrate-N	(mg/l)	10	10	10
14.	pH	-	6.5-8.5	NGVS	6.5-8.5
15.	Potassium	(mg/l)	NGVS	NGVS	10
16.	Sodium	(mg/l)	200	NGVS	50
17.	Sulfate	(mg/l)	250	250	250
18.	Taste	-	Un-object.	NGVS	Unobjectionable
19.	TDS	(mg/l)	1000	500	500
20.	Turbidity	(NTU)	5	NGVS	0.5
21.	Phosphate	(mg/l)	NGVS	NGVS	NGVS
22.	Arsenic	ppb	10	10	10
23.	Total Coliforms	MPN/100ml	0	0	0
24.	E-Coli	MPN/100ml	0	0	0

WHO World Health Organization
IBWA International Bottled Water Association
PSQCA Pakistan Standards and Quality Control Authority



SUMMARY OF RESULTS OF PCRWR MONITORING

Contaminants of Potential Concerns Found in Bottled Water Brands

Arsenic: Safe Limit : 10 parts per billion (ppb)					
Sr. No	Brand Name	Code	City of Manufacturing	Unit	Results
1.	Care Life	BWA-38	Okara	ppb	14
2.	Pure Nature	BWA-56	Lahore	ppb	24
3.	Elayn Plus	BWA-77	Bahawalpur	ppb	23

Sodium: Safe Limit : 50 parts per million (ppm)					
Sr. No	Brand Name	Code	City of Manufacturing	Unit	Results
1.	Blue Plus	BWA-59	Bahawalpur	ppm	78
2.	Vitella	BWA-61	Karachi	ppm	70
3.	Sunlay	BWA-70	Karachi	ppm	65
4.	Aqua King	BWA-72	Karachi	ppm	64
5.	Elayn Plus	BWA-77	Bahawalpur	ppm	60

pH : Safe Limit : 6.5-8.5					
Sr. No	Brand Name	Code	City of Manufacturing	Unit	Results
1.	CHENAB	BWA-54	Faisalabad	-	6.03
2.	Aqua Star	BWA-74	Karachi		6.08

Bacteriological: (Total Coliforms , Fecal Coliforms & E Coli) (Safe Limit: 0/100ml)					
Sr. No	Brand Name	Code	City of Manufacturing	Results	
				Total Coliforms (MPN/100 ml)	E. Coli (MPN/100 ml)
1.	Nurturmil Water	BWA-16	Lahore	04	Nil
2.	Royal Pure Life	BWA-55	Faisalabad	04	Nil
3.	Elayn Plus	BWA-77	Bahawalpur	06	Nil



PCRWR TESTING: SAFE BRANDS

Sr. No	Brand Name	Code	Quality (Safe/Unsafe)	
			Chemical	Microbiological
1.	Water Empire	BWA-01	Safe	Safe
2.	Deosai	BWA-02	Safe	Safe
3.	Aqua Green	BWA-03	Safe	Safe
4.	Hyder	BWA-04	Safe	Safe
5.	Calci Dew	BWA-05	Safe	Safe
6.	Maple Plus	BWA-06	Safe	Safe
7.	Springley	BWA-07	Safe	Safe
8.	Nestol	BWA-08	Safe	Safe
9.	Fresh Life	BWA-09	Safe	Safe
10.	MARWA Water	BWA-10	Safe	Safe
11.	Nestle	BWA-11	Safe	Safe
12.	AquaFina	BWA-12	Safe	Safe
13.	Dasani	BWA-13	Safe	Safe
14.	JEL	BWA-14	Safe	Safe
15.	Ice land	BWA-15	Safe	Safe
16.	Mashmoom Aqua	BWA-17	Safe	Safe
17.	CHILTAN AQUA	BWA-18	Safe	Safe
18.	Himalaya	BWA-19	Safe	Safe
19.	SUJO	BWA-20	Safe	Safe
20.	Vividle	BWA-21	Safe	Safe
21.	AQUA SWAG	BWA-22	Safe	Safe
22.	Star	BWA-23	Safe	Safe
23.	Wadi Mina	BWA-24	Safe	Safe
24.	Himalaya Cool	BWA-25	Safe	Safe
25.	Aquatic Fresh	BWA-26	Safe	Safe
26.	Aqua DORE	BWA-27	Safe	Safe
27.	Wah Water	BWA-28	Safe	Safe
28.	OXY	BWA-29	Safe	Safe
29.	Aquamin Plus	BWA-30	Safe	Safe
30.	NEBRASKA	BWA-31	Safe	Safe
31.	BREATHE	BWA-32	Safe	Safe
32.	TOP UP	BWA-33	Safe	Safe
33.	Aqua Pure Smart	BWA-34	Safe	Safe
34.	Aqua Splash	BWA-35	Safe	Safe
35.	Natural Aqwah	BWA-36	Safe	Safe
36.	Moya Mineral	BWA-37	Safe	Safe
37.	Fresco	BWA-39	Safe	Safe
38.	Freshin	BWA-40	Safe	Safe
39.	SIP	BWA-41	Safe	Safe
40.	Elovina Water	BWA-42	Safe	Safe
41.	DrinkIt Pure	BWA-43	Safe	Safe
42.	OPAL	BWA-44	Safe	Safe
43.	AQUAFINA	BWA-45	Safe	Safe
44.	Dasani	BWA-46	Safe	Safe
45.	FAIHA	BWA-47	Safe	Safe
46.	Alfalah	BWA-48	Safe	Safe
47.	New Classic	BWA-49	Safe	Safe
48.	Nation	BWA-50	Safe	Safe
49.	Fresco Healthy Water	BWA-51	Safe	Safe
50.	McWay Water	BWA-52	Safe	Safe



Sr. No	Brand Name	Code	Quality (Safe/Unsafe)	
			Chemical	Microbiological
51.	ATLANTIS Water	BWA-53	Safe	Safe
52.	NEO	BWA-57	Safe	Safe
53.	Culligan	BWA-58	Safe	Safe
54.	YES	BWA-60	Safe	Safe
55.	Aqua Best	BWA-62	Safe	Safe
56.	PERSIA Water	BWA-63	Safe	Safe
57.	AM 2 PM	BWA-64	Safe	Safe
58.	Crystal Maya	BWA-65	Safe	Safe
59.	Dropice	BWA-66	Safe	Safe
60.	UF Pure Edge	BWA-67	Safe	Safe
61.	Water Right	BWA-68	Safe	Safe
62.	One Pure Drinking Water	BWA-69	Safe	Safe
63.	Al-UMER	BWA-71	Safe	Safe
64.	Water Plus	BWA-73	Safe	Safe
65.	Active Plus	BWA-75	Safe	Safe
66.	JEL	BWA-76	Safe	Safe
67.	National	BWA-78	Safe	Safe
68.	Gourmet	BWA-79	Safe	Safe
69.	KaraKorum Flow	BWA-80	Safe	Safe
70.	Pine'o	BWA-81	Safe	Safe
71.	OSLO	BWA-82	Safe	Safe
72.	Iceland	BWA-83	Safe	Safe
73.	Vey	BWA-84	Safe	Safe
74.	New Buxton	BWA-85	Safe	Safe
75.	Crystal Spring	BWA-86	Safe	Safe
76.	Al-Zaid	BWA-87	Safe	Safe
77.	Droplet	BWA-88	Safe	Safe
78.	MAA JEE	BWA-89	Safe	Safe
79.	Handsome Pure	BWA-90	Safe	Safe
80.	SK	BWA-91	Safe	Safe
81.	Needs	BWA-92	Safe	Safe
82.	Bake Master	BWA-93	Safe	Safe
83.	Sip Urban	BWA-94	Safe	Safe
84.	Masafi	BWA-95	Safe	Safe
85.	Isberg	BWA-96	Safe	Safe
86.	DJOUR	BWA-97	Safe	Safe
87.	Aqua Natural	BWA-98	Safe	Safe
88.	Aqua Royals	BWA-99	Safe	Safe
89.	Dazzling Water	BWA-100	Safe	Safe
90.	Al-Shalal	BWA-101	Safe	Safe
91.	Aqua Sea	BWA-102	Safe	Safe
92.	Al-Haider	BWA-103	Safe	Safe
93.	Pak Nest	BWA-104	Safe	Safe
94.	Popular H2OPE	BWA-105	Safe	Safe
95.	Drinkley	BWA-106	Safe	Safe
96.	Cristalene	BWA-107	Safe	Safe
97.	Amfahh	BWA-108	Safe	Safe
98.	Erie Water	BWA-109	Safe	Safe
99.	Jami Water	BWA-110	Safe	Safe
100.	Aqua One	BWA-111	Safe	Safe
101.	Rahat Water	BWA-112	Safe	Safe
102.	Nestle	BWA-113	Safe	Safe
103.	Aqua Gen	BWA-114	Safe	Safe



Sr. No	Brand Name	Code	Quality (Safe/Unsafe)	
			Chemical	Microbiological
104.	Sufi Water	BWA-115	Safe	Safe
105.	Aqua Safe	BWA-116	Safe	Safe
106.	Besal	BWA-117	Safe	Safe
107.	Glacial	BWA-118	Safe	Safe
108.	Pure FLO	BWA-119	Safe	Safe
109.	Punjab Water	BWA-120	Safe	Safe
110.	DOCE Water	BWA-121	Safe	Safe
111.	Aqua Life	BWA-122	Safe	Safe
112.	Blu Water	BWA-123	Safe	Safe
113.	Water Mart	BWA-124	Safe	Safe
114.	Natural Cool	BWA-125	Safe	Safe

PCRWR TESTING: UNSAFE BRANDS

Sr. No	Brand Name	Code	Address/Manufacturer	Quality (Safe/Unsafe)	
				Chemical	Microbiological
1.	Nurturmil Water	BWA-16	Manufactured by: Mac & Raina Health Care(Pvt)Ltd.540-D,Sundar Industrial Estate Raiwind Road, Lahore.	Safe	Unsafe
2.	Care Life	BWA-38	M/s Taj & Sons: Taj Mahal Marquee, Renala Khurd Bypass, Distt Okara.	Unsafe	Safe
3.	Chenab	BWA-16	Product by: CHENAB Pure Water Add: Street 1 Nishat Abad, Faisalabad.	Unsafe	Safe
4.	Royal Pure Life	BWA-16	Filled by: A.R Water, Marketed by Royal Pure Life, 0306-8784800 0300-7243181 Reg No. KHB-B3-1/85671234	Safe	Unsafe
5.	Pure Nature	BWA-16	PAK Enterprises:9 km G.T. Road, Rachna Town Ferozwala, Shahdrah Lahore	Unsafe	Safe
6.	Blu Plus	BWA-16	Nazir Enterprises Dera Bakha Bahawalpur Nazirenterprises509@ g mail.com	Unsafe	Safe
7.	Vitella	BWA-16	YHY Enterprises: www.vitella.com 021- 34314258 0305-2515995	Unsafe	Safe
8.	Sunlay	BWA-16	A Product Of HPE: Plot No 60 Sec 51, super highway Karachi.	Unsafe	Safe
9.	Aqua King	BWA-16	A Product Of HPE: Plot no 60, Sec 51 Super highway Karachi.	Unsafe	Safe
10.	Aqua Star	BWA-16	A Product by: AQUA STAR S.I.T.E Karachi. 03222186401; 03161073043	Unsafe	Safe
11.	Elayn Plus	BWA-16	A Product Of Sajjid Food Industry Shadab Colony (Hamaytian) Bahawalpur	Unsafe	Unsafe



MARKET CONSISTENCY IN TWO NEIGHBORING QUARTERS

Sr. No	Consistent Brands	New Brands	Unavailable Brands
1.	Water Empire	Hyder	Oxygenated
2.	Deosai	MARWA Water	AB-e-Khyber
3.	Aqua Green	Nurturmil Water	Venora
4.	Calci Dew	Mashmoom Aqua	Celeste
5.	Maple Plus	CHILTAN AQUA	Ziran
6.	Springley	AQUA SWAG	Nectar
7.	Nestol	Star	Hydra
8.	Fresh Life	Wadi Mina	Sunley Pure
9.	Nestle	Himalaya Cool	Water Plus
10.	AquaFina	Aqua DORE	Aqua Stream
11.	Dasani	Wah Water	Sea Pack
12.	JEL	OXY	Aqua FLO
13.	Ice land	Aquamin Plus	Elim
14.	Himalaya	NEBRASKA	City Spring
15.	SUJO	BREATHE	Alpine Pure
16.	Vividle	Himalaya Cool	Al-massafi
17.	Aquatic Fresh	Natural Aqwah	Ice Drop
18.	TOP UP	Moya Mineral	MM Pure Drinking Water
19.	Aqua Pure Smart	Care Life	Blue Spring
20.	Aqua Splash	Fresco	VIVA JHEEL
21.	ATLANTIS Water	Freshin	ALPHA 7 STAR
22.	Aqua Safe	SIP	YK Pure
23.	DOCE Water	Elovina Water	Hibba
24.	FAIHA	Drink It Pure	LEVEN Silver
25.	Alfalsh	OPAL	ALPHA
26.	Nation	New Classic	Afshak
27.	McWay Water	Fresco Healthy Water	Dista Water
28.	CHENAB	Royal Pure Life	Bio
29.	NEO	Pure Nature	Ice Well
30.	Culligan	Vitella	OASIS
31.	Blue Plus	PERSIA Water	Needs
32.	YES	AM 2 PM	Sialko Pure Drinking Water
33.	Aqua Best	Crystal Maya	Himalaya's Spring
34.	Sunlay	Dropice	Murree Sparkletts
35.	Aqua King	Water Right	Super Natural
36.	Water Plus	One Pure Drinking Water	Best Natural
37.	Aqua Star	Al-UMER	ALL PURE
38.	Active Plus	KaraKorum Flow	IMMA
39.	Elayn Plus	Pine'o	Soft Water
40.	National	Icelay	Stream
41.	Gourmet	Vey	Klinz
42.	OSLO	Crystal Spring	Springs Water
43.	New Buxton	Droplet	Minto
44.	Al-Zaid	Handsome Pure	Seven Spring
45.	MAA JEE	SK	
46.	Bake Master	Needs	
47.	Masafi	Sip Urban	
48.	Isberg	Al-Shalal	
49.	DJOUR	Al-Haider	
50.	Aqua Natural	Pak Nest	
51.	Aqua Royals	Popular H2OPE	
52.	Aqua Sea	Amfahh	



Sr. No	Consistent Brands	New Brands	Unavailable Brands
53.	Drinkley	Pure FLO	
54.	Cristalene	Punjab Water	
55.	Erie Water	Aqua Life	
56.	Jami Water	Blu Water	
57.	Aqua One	Water Mart	
58.	Rahat Water	Natural Cool	
59.	Aqua Gen		
60.	Sufi Water		
61.	Besal		
62.	Glacial		---
63.	UF Pure Edge		
64.	Dazzling Water		

DISEASE POTENTIAL FROM CONTAMINATED BOTTLED WATER

Sr. No	Contaminant	Diseases Impacts
1.	Bacteriological Contamination	Cholera, Diarrhea, Dysentery, Hepatitis, Typhoid
2.	Arsenic	Keratoses, effects on bladder, kidney, skin etc.
3.	Sodium	Hypertension
4.	pH	Acidity due to low pH

CONCLUSIONS

Sr. No	Item	Conclusion	
		No.	% age
1.	Total No. of Brands Collected	125	-
2.	Overall Safe Brands	114	91
3.	No. of Overall Unsafe Brands	11	9
4.	No. of Chemically Safe Brands	116	93
5.	No. of Chemically Unsafe Brands	09	7
6.	No. of Microbiologically Safe Brands	122	98
7.	No. of Microbiologically Unsafe Brands	03	2
8.	No. of Consistent Brands in Market	64	51
9.	No. of Brands Disappeared/Unavailable	44	35
10.	No. of New Brands	58	46

Detailed water quality status of each bottled water brand is available at **Annexure-1**

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Annexure-1

Chemical and Microbiological Quality of Bottled/Mineral Water Brands

Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
																		Total Coli forms 0/100ml	E-Coli 0/100ml
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	-	-
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
Units	-	NTU		µS/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	MPN /100ml	MPN /100ml
Water Empire	BWA-01	BDL	7.85	276	152	24	10	100	65	36	22	0.07	BDL	0.7	1.1	20	BDL	Negative	Negative
Deosai	BWA-02	BDL	7.30	430	237	40	5	120	60	72	37	0.06	BDL	1.3	3.4	25	BDL	Negative	Negative
Aqua Green	BWA-03	BDL	7.75	286	157	24	5	80	60	36	33	0.08	BDL	0.5	0.7	35	BDL	Negative	Negative
Hyder	BWA-04	BDL	7.20	346	212	44	7	140	120	36	19	0.11	BDL	1.3	1.07	12	BDL	Negative	Negative
Calci Dew	BWA-05	BDL	7.25	258	142	32	2	90	70	36	17	0.10	BDL	1.3	1.1	12	BDL	Negative	Negative
Maple Plus	BWA-06	BDL	8.02	345	190	44	7	140	140	19	19	0.16	BDL	1.3	2.2	12	BDL	Negative	Negative
Springley	BWA-07	BDL	7.65	475	261	68	7	200	210	16	23	0.15	BDL	1.8	3.2	19	BDL	Negative	Negative
Nestol	BWA-08	BDL	7.75	343	189	48	7	150	130	16	16	0.15	BDL	1.9	2.0	24	BDL	Negative	Negative
Fresh Life	BWA-09	BDL	8.04	417	229	40	19	180	70	80	18	0.20	BDL	2.0	1.8	19	BDL	Negative	Negative
MARWA Water	BWA-10	BDL	7.75	290	160	24	10	100	90	30	30	0.18	BDL	0.5	0.8	15	BDL	Negative	Negative
Nestle	BWA-11	BDL	7.85	402	221	48	7	150	40	91	17	0.00	BDL	0.5	0.0	27	BDL	Negative	Negative
AquaFina	BWA-12	BDL	7.40	208	114	12	5	50	20	26	21	0.16	BDL	1.7	0.0	41	BDL	Negative	Negative
Dasani	BWA-13	BDL	7.35	218	120	12	12	80	30	0	11	0.15	BDL	0.9	0.0	75	BDL	Negative	Negative
JEL	BWA-14	BDL	7.25	257	141	16	5	60	30	57	38	0.05	BDL	1.0	1.9	17	BDL	Negative	Negative
Ice land	BWA-15	BDL	7.35	248	136	32	2	90	40	52	19	0.10	BDL	0.6	0.0	18	BDL	Negative	Negative
Nurturmil Water	BWA-16	BDL	7.45	145	80	12	5	50	30	19	8	0.00	BDL	7.2	0.0	25	BDL	04	Negative
Mashmoom Aqua	BWA-17	BDL	7.95	399	219	24	10	170	170	14	18	0.07	BDL	1.8	2.5	17	BDL	Negative	Negative

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	Total Coli forms 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
CHILTAN AQUA	BWA-18	BDL	6.80	314	173	36	7	120	30	86	11	0.00	BDL	0.6	0.0	0	0.2	Negative	Negative
Himalaya	BWA-19	BDL	6.65	329	181	36	15	150	40	65	3	0.00	BDL	0.8	0.0	32	0.3	Negative	Negative
SUJO	BWA-20	BDL	7.75	359	197	36	7	120	60	48	23	0.00	BDL	2.3	1.8	35	BDL	Negative	Negative
Vividle	BWA-21	BDL	7.75	415	228	32	17	150	70	74	26	0.06	BDL	2.3	1.7	31	BDL	Negative	Negative
AQUA SWAG	BWA-22	BDL	7.28	211	116	24	5	80	30	43	11	0.00	BDL	1.0	0.0	20	0.4	Negative	Negative
Star	BWA-23	BDL	7.50	205	113	4	2	20	80	24	44	0.00	BDL	2.1	0.0	0	0.5	Negative	Negative
Wadi Mina	BWA-24	BDL	7.75	310	171	28	10	110	70	43	24	0.06	BDL	1.8	0.0	31	0.3	Negative	Negative
Himalaya Cool	BWA-25	BDL	7.82	315	173	24	7	90	100	24	37	0.27	BDL	3.0	0.0	30	0.8	Negative	Negative
Aquatic Fresh	BWA-26	BDL	8.08	375	206	36	17	160	110	24	20	0.23	BDL	2.3	5.3	27	BDL	Negative	Negative
Aqua DORE	BWA-27	BDL	7.30	279	153	28	15	130	50	60	10	0.00	BDL	0.9	0.5	21	BDL	Negative	Negative
Wah Water	BWA-28	BDL	7.95	277	152	24	15	120	80	21	14	0.10	BDL	1.7	3.7	26	BDL	Negative	Negative
OXY	BWA-29	BDL	7.76	280	154	24	15	120	80	36	13	0.00	BDL	1.5	2.9	18	BDL	Negative	Negative
Aquamin Plus	BWA-30	BDL	7.58	295	162	24	7	90	60	45	29	0.00	BDL	1.2	0.6	31	BDL	Negative	Negative
NEBRASKA	BWA-31	BDL	7.58	464	255	44	22	200	70	80	17	0.00	BDL	10.9	0.3	64	BDL	Negative	Negative
BREATHE	BWA-32	BDL	7.58	519	285	56	12	190	30	120	19	0.00	BDL	1.1	1.6	31	BDL	Negative	Negative
TOP UP	BWA-33	BDL	7.95	414	228	40	19	180	130	24	20	0.06	BDL	2.3	5.3	32	BDL	Negative	Negative
Aqua Pure Smart	BWA-34	BDL	7.15	365	201	40	15	160	30	80	8	0.09	BDL	0.8	0.2	30	BDL	Negative	Negative
Aqua Splash	BWA-35	BDL	7.42	309	170	36	7	120	50	64	17	0.20	BDL	1.3	3.9	0	BDL	Negative	Negative
Natural Aqwah	BWA-36	BDL	7.72	280	154	24	12	110	85	12	15	0.00	BDL	1.7	3.7	28	BDL	Negative	Negative

PCRWR QUARTERLY REPORT-BOTTLED WATER QUALITY



Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	Total Coli forms 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
Moya Mineral	BWA-37	BDL	7.50	356	196	36	12	140	110	26	19	0.00	BDL	2.0	4.7	18	BDL	Negative	Negative
Care Life	BWA-38	BDL	7.40	272	150	20	5	70	80	31	32	0.13	BDL	4.2	0.0	22	14	Negative	Negative
Fresco	BWA-39	BDL	7.36	455	250	36	12	140	140	48	49	0.28	BDL	2.4	1.4	24	0.3	Negative	Negative
Freshin	BWA-40	BDL	7.35	311	171	36	5	110	50	65	19	0.31	BDL	0.9	0.0	20	BDL	Negative	Negative
SIP	BWA-41	BDL	7.35	298	164	36	2	100	40	62	23	0.10	BDL	1.2	0.0	27	0.4	Negative	Negative
Elovina Water	BWA-42	BDL	6.98	248	136	32	7	110	80	36	15	0.12	BDL	1.2	1.1	0	BDL	Negative	Negative
DrinkIt Pure	BWA-43	BDL	7.30	262	144	20	12	100	70	36	17	0.11	BDL	1.0	1.7	10	BDL	Negative	Negative
OPAL	BWA-44	BDL	6.86	321	177	24	5	80	100	21	41	0.10	BDL	1.7	1.7	35	BDL	Negative	Negative
AQUAFINA	BWA-45	BDL	6.82	209	115	4	15	70	20	24	16	0.20	BDL	1.3	0.0	53	BDL	Negative	Negative
Dasani	BWA-46	BDL	6.97	210	116	8	15	80	30	12	9	0.08	BDL	0.4	0.0	58	BDL	Negative	Negative
FAIHA	BWA-47	BDL	6.5	290	160	20	19	130	50	45	13	0.10	BDL	0.7	0.0	46	8	Negative	Negative
Alfalah	BWA-48	BDL	7.10	339	186	36	12	140	40	64	11	0.13	BDL	0.8	0.0	35	1	Negative	Negative
New Classic	BWA-49	BDL	7.75	428	235	32	15	140	70	72	35	0.04	BDL	2.0	0.0	40	0.4	Negative	Negative
Nation	BWA-50	BDL	7.30	362	199	24	17	130	90	60	30	0.06	BDL	0.2	0.0	33	0.6	Negative	Negative
Fresco Healthy Water	BWA-51	BDL	7.33	387	213	20	10	90	80	48	48	0.08	BDL	2.1	0.2	36	BDL	Negative	Negative
McWay Water	BWA-52	BDL	7.15	367	202	28	10	110	60	64	32	0.07	BDL	0.4	0.5	26	1	Negative	Negative
ATLANTIS Water	BWA-53	BDL	6.92	290	160	28	7	100	40	60	24	0.18	BDL	0.9	0.2	27	BDL	Negative	Negative
CHENAB	BWA-54	BDL	6.03	450	248	36	12	140	30	96	31	0.00	BDL	0.8	0.2	35	0.9	Negative	Negative

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	Total Coli forms 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
Royal Pure Life	BWA-55	BDL	6.65	251	138	8	5	40	40	31	38	0.08	BDL	2.3	1.5	32	1	04	Negative
Pure Nature	BWA-56	BDL	6.52	80	44	8	4	35	10	15	4	0.15	BDL	0.2	0.0	8	24	Negative	Negative
NEO	BWA-57	BDL	7.06	270	149	28	2	80	50	41	26	0.15	BDL	0.5	2.5	20	BDL	Negative	Negative
Culligan	BWA-58	BDL	6.76	266	146	44	0	110	50	64	9	0.14	BDL	6.0	0.0	BDL	BDL	Negative	Negative
Blue Plus	BWA-59	BDL	6.5	561	309	40	0	100	50	120	78	0.16	BDL	5.4	10	21	BDL	Negative	Negative
YES	BWA-60	BDL	6.96	269	148	28	0	70	50	42	28	0.19	BDL	0.4	1.6	19	BDL	Negative	Negative
Vitella	BWA-61	BDL	7.12	565	311	52	2	140	100	78	70	0.30	BDL	6.4	1.2	55	BDL	Negative	Negative
Aqua Best	BWA-62	BDL	6.56	312	172	75	-33	50	90	75	40	0.15	BDL	1.1	5.9	11	BDL	Negative	Negative
PERSIA Water	BWA-63	BDL	7.05	279	153	36	2	100	50	45	20	0.20	BDL	1.2	0.8	24	0.3	Negative	Negative
AM 2 PM	BWA-64	BDL	6.5	264	145	70	-28	60	50	70	19	0.16	BDL	1.5	0.2	10	0.5	Negative	Negative
Crystal Maya	BWA-65	BDL	7.12	273	150	20	5	70	40	72	50	0.02	BDL	1.1	1.3	0	BDL	Negative	Negative
Dropicce	BWA-66	BDL	6.72	309	170	48	0	120	20	48	9	0.28	BDL	0.0	0.0	60	BDL	Negative	Negative
UF Pure Edge	BWA-67	BDL	6.82	202	111	45	-15	50	40	45	36	0.05	BDL	1.0	0.4	20	BDL	Negative	Negative
Water Right	BWA-68	BDL	7.18	315	173	32	0	80	50	45	33	0.40	BDL	0.8	3.2	27	BDL	Negative	Negative
One Pure Drinking Water	BWA-69	BDL	6.55	439	241	110	-62	20	50	90	14	0.00	BDL	0.4	0.5	35	BDL	Negative	Negative
Sunlay	BWA-70	BDL	6.91	416	229	16	5	60	65	48	65	0.30	BDL	2.2	0.2	34	BDL	Negative	Negative
Al-UMER	BWA-71	BDL	6.5	399	219	16	10	80	50	96	48	0.18	BDL	4.9	0.6	5	BDL	Negative	Negative

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	Total Coli forms 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
Aqua King	BWA-72	BDL	6.95	426	234	16	7	70	70	75	64	0.28	BDL	2.4	0.4	35	0.3	Negative	Negative
Water Plus	BWA-73	BDL	6.65	278	153	16	7	70	40	60	36	0.16	BDL	0.4	0.5	16	0.4	Negative	Negative
Aqua Star	BWA-74	BDL	6.08	286	157	20	10	90	50	65	27	0.10	BDL	1.5	0.3	0	0.5	Negative	Negative
Active Plus	BWA-75	BDL	6.5	426	234	20	5	70	50	94	50	0.15	BDL	7.1	0.8	25	0.2	Negative	Negative
JEL	BWA-76	BDL	6.95	228	125	12	7	60	30	45	24	0.28	BDL	0.4	1.9	18	BDL	Negative	Negative
Elayn Plus	BWA-77	BDL	7.65	586	322	52	7	160	170	55	60	0.30	BDL	3.5	0.6	60	23	06	Negative
National	BWA-78	BDL	7.05	295	162	28	5	90	50	60	23	0.15	BDL	0.4	0.8	12	1	Negative	Negative
Gourmet	BWA-79	BDL	6.98	388	213	40	10	140	60	80	22	0.18	BDL	0.3	0.5	27	BDL	Negative	Negative
KaraKorum Flow	BWA-80	BDL	6.79	260	143	12	15	90	50	30	21	0.18	BDL	0.2	0.0	37	0.2	Negative	Negative
Pine'o	BWA-81	BDL	7.35	378	208	48	7	150	65	70	22	0.19	BDL	1.0	0.0	29	1	Negative	Negative
OSLO	BWA-82	BDL	6.96	328	180	20	7	80	50	60	35	0.28	BDL	3.1	0.4	28	BDL	Negative	Negative
Icelay	BWA-83	BDL	6.63	360	198	12	17	100	50	80	36	0.16	BDL	0.8	0.1	20	0.3	Negative	Negative
Vey	BWA-84	BDL	6.65	307	169	32	12	130	45	60	13	0.12	BDL	0.0	0.0	31	BDL	Negative	Negative
New Buxton	BWA-85	BDL	6.42	254	140	24	7	100	30	48	7	0.29	BDL	7	0.1	28	BDL	Negative	Negative
Crystal Spring	BWA-86	BDL	6.85	280	154	16	0	90	40	45	24	0.38	BDL	24	0.3	28	BDL	Negative	Negative
Al-Zaid	BWA-87	BDL	6.62	392	216	28	17	120	40	48	33	0.40	BDL	33	0.5	80	0.2	Negative	Negative
Droplet	BWA-88	BDL	6.60	368	202	36	27	160	40	80	12	0.19	BDL	12	0.2	34	0.3	Negative	Negative
MAA JEE	BWA-89	BDL	6.85	344	189	20	12	110	25	70	27	0.19	BDL	27	3.3	34	0.3	Negative	Negative

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	Total Coli forms 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
Handsome Pure	BWA-90	BDL	6.5	299	164	20	7	70	50	66	34	0.14	BDL	6.0	1.6	0	0.2	Negative	Negative
SK	BWA-91	BDL	6.5	237	130	24	10	90	40	35	15	0.12	BDL	0.0	0.7	26	BDL	Negative	Negative
Needs	BWA-92	BDL	7.28	316	174	16	12	100	80	45	28	0.40	BDL	0.7	0.0	26	BDL	Negative	Negative
Bake Master	BWA-93	BDL	7.20	312	172	20	2	130	50	45	13	0.28	BDL	0.8	0.0	41	0.3	Negative	Negative
Sip Urban	BWA-94	BDL	7.02	253	139	20	5	90	60	45	18	0.12	BDL	0.2	0.0	15	0.4	Negative	Negative
Masafi	BWA-95	BDL	6.68	403	222	48	45	190	30	115	7	0.10	BDL	0.0	0.0	20	0.3	Negative	Negative
Isberg	BWA-96	BDL	7.32	323	178	28	5	100	90	60	31	0.20	BDL	1.2	0.0	0	0.2	Negative	Negative
DJOUR	BWA-97	BDL	7.22	371	204	2	0	120	70	60	30	0.09	BDL	0.2	0.0	31	0.5	Negative	Negative
Aqua Natural	BWA-98	BDL	7.20	341	188	32	15	150	170	12	17	0.30	BDL	4.5	0.1	0	0.3	Negative	Negative
Aqua Royals	BWA-99	BDL	6.55	371	204	48	24	170	50	105	9	0.10	BDL	0.5	0.0	0	0.2	Negative	Negative
Dazzling Water	BWA-100	BDL	6.58	360	198	36	29	120	70	55	26	0.20	BDL	0.9	1.2	22	0.4	Negative	Negative
Al-Shalal	BWA-101	BDL	7.45	339	186	28	34	140	160	20	21	0.30	BDL	4.8	0.0	6	0.3	Negative	Negative
Aqua Sea	BWA-102	BDL	7.05	223	123	20	7	80	60	20	14	0.14	BDL	0.0	0.0	24	0.2	Negative	Negative
Al-Haider	BWA-103	BDL	7.72	382	210	28	12	120	180	14	34	0.20	BDL	2.7	0.0	0	0.3	Negative	Negative
Pak Nest	BWA-104	BDL	7.35	295	162	28	5	90	70	35	17	0.16	BDL	0.0	0.0	32	0.4	Negative	Negative
Popular H2OPE	BWA-105	BDL	7.14	351	193	32	19	160	40	98	8	0.14	BDL	3.0	0.0	0	0.2	Negative	Negative
Drinkley	BWA-106	BDL	7.30	302	174	34	11	130	30	57	9	BDL	BDL	BDL	BDL	45	1	Negative	Negative
Cristalene	BWA-107	BDL	7.20	258	142	42	1	110	20	77	7	BDL	BDL	0.4	BDL	2	1	Negative	Negative

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Brand Name	Brand Code	Turbidity	pH	EC	TDS	Ca	Mg	Hard	HCO ₃	Cl	Na	F	Fe	K	NO ₃	SO ₄	As	Microbiological Contaminants	
PSQCA Bottled Water Standards	-	0.5	6.5 - 8.5	NGVS	500	100	50	NGVS	NGVS	250	50	0.7	0.3	10	10	250	10	Total Coli forms 0/100ml	E-Coli 0/100ml
Detection Limits	-	0.2	0.02	0.287	-	2	1	5	5	2	1	0.03	0.03	0.2	0.06	0.4	0.1	-	-
Amfahh	BWA-108	BDL	7.10	256	142	36	2	100	30	67	10	BDL	BDL	BDL	BDL	9	0.8	Negative	Negative
Erie Water	BWA-109	BDL	7.00	321	176	44	5	130	30	82	9	BDL	BDL	BDL	BDL	18	0.9	Negative	Negative
Jami Water	BWA-110	BDL	7.00	335	184	20	10	90	90	38	33	BDL	BDL	BDL	BDL	29	0.8	Negative	Negative
Aqua One	BWA-111	BDL	6.90	314	175	36	10	130	30	65	10	BDL	BDL	BDL	BDL	36	0.8	Negative	Negative
Rahat Water	BWA-112	BDL	6.90	335	185	28	10	110	50	53	30	BDL	BDL	BDL	BDL	34	0.6	Negative	Negative
Nestle	BWA-113	BDL	6.90	358	202	44	5	130	40	77	12	BDL	BDL	9	BDL	31	0.6	Negative	Negative
Aqua Gen	BWA-114	BDL	6.80	304	174	32	10	120	50	60	18	BDL	BDL	0.63	0.144	23	0.5	Negative	Negative
Sufi Water	BWA-115	BDL	6.70	339	194	48	7	150	30	84	9	BDL	BDL	0.3	BDL	27	0.8	Negative	Negative
Aqua Safe	BWA-116	BDL	6.90	347	190	16	19	120	90	33	25	BDL	BDL	0.1	BDL	42	4	Negative	Negative
Besal	BWA-117	BDL	7.00	278	164	28	10	110	50	48	17	BDL	BDL	BDL	BDL	31	1	Negative	Negative
Glacial	BWA-118	BDL	7.10	208	116	4	15	70	10	24	11	BDL	BDL	BDL	BDL	56	1	Negative	Negative
Pure FLO	BWA-119	BDL	7.00	261	163	4	27	120	20	7	7	BDL	BDL	BDL	BDL	106	1	Negative	Negative
Punjab Water	BWA-120	BDL	6.70	266	149	36	5	110	30	62	10	BDL	BDL	BDL	0.23	17	0.6	Negative	Negative
DOCE Water	BWA-121	BDL	6.60	381	227	44	5	130	80	79	30	BDL	BDL	5.3	BDL	16	0.8	Negative	Negative
Aqua Life	BWA-122	BDL	6.90	267	154	25	2	70	60	41	34	BDL	BDL	0.1	BDL	16	0.9	Negative	Negative
Blu Water	BWA-123	BDL	6.70	303	171	32	10	120	20	67	17	BDL	BDL	1.5	BDL	32	0.8	Negative	Negative
Water Mart	BWA-124	BDL	6.80	270	149	36	7	120	100	14	6	BDL	BDL	1.9	0.057	24	0.8	Negative	Negative
Natural Cool	BWA-125	BDL	6.80	282	173	32	10	120	20	72	12	BDL	BDL	2.9	BDL	32	0.7	Negative	Negative