Test Report DA25-45461.001 R1

Customer:		**Job Number:**	DA25-45461
ARNNA MINERALS LLP Building No. 1, Complex is located 0.5 kilometers East of the Daiyr Village, East Kazakhstan Region, 070704 Daiyr Rural District, Zaisan District Kazakhstan		**Received:** **Approved:** **Reported:** **Page:**	29/04/2025 21/05/2025 21/05/2025 1/14

Description:	MIGLIOR - Carbonated Natural Mineral Water (PET bottle)		
Packaging type:	Sealed Bottle	**Packaging condition:**	Satisfactory
Product type:	Water		

This report cancels and supersedes the report no.: DA25-45461.001 R0

Physical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Colour	Physical	--	Colourless	-	--
Odour	Physical	--	Odourless	-	--
Taste	Physical	--	Tasteless	-	--
Appearance	Physical	--	Characteristics	-	--

Microbiological testing

Analysis	Method	RL	Result	Unit	Standard Limits
Total Coliforms D	APHA 9222 B, 24th Edition	--	Not Detected	cfu/250ml	--
Pseudomonas aeruginosa D	APHA 9213 E, 24th Edition	--	Not Detected	cfu/250ml	--
Escherichia coli D	APHA 9222D & 9225, 24th Edition	--	Not Detected	cfu/250ml	--
Fecal streptococci D	APHA 9230 C, 24th Edition	--	Not Detected	cfu/250ml	--
Enterococci D	APHA 9230 C, 24th Edition	--	Not Detected	cfu/100ml	--
Sulfite Reducing anaerobe (Clostridia)	ISO 6461/2-1986	--	Not Detected	cfu/250ml	--

Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Antimony D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Arsenic D	FL-SOP-TECH-128 by ICP-MS	0.50	2.09	µg/l	--
Barium D	FL-SOP-TECH-128 by ICP-MS	0.50	5.39	µg/l	--
Beryllium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Boron D	FL-SOP-TECH-128 by ICP-MS	0.50	8.37	µg/l	--
Cadmium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Chromium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Mercury D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Copper D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Lead D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Manganese D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Molybdenum D	FL-SOP-TECH-128 by ICP-MS	0.50	1.50	µg/l	--
Nickel D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Selenium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Uranium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Aluminium	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Iron	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Silver	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Zinc	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Calcium	FL-SOP-TECH-128, by ICP_MS	0.50	24.39	mg/l	--
Magnesium	FL-SOP-TECH-128, by ICP_MS	0.50	4.19	mg/l	--
Potassium	FL-SOP-TECH-128, by ICP_MS	0.50	0.76	mg/l	--
Sodium	FL-SOP-TECH-128, by ICP_MS	0.50	9.54	mg/l	--
Benzo pyrene	In-house method	0.01	<0.01	mg/l	--
Dichloroacetate	In-house method	0.01	<0.01	mg/l	--
Edetic acid (EDTA)	In-house method	0.01	<0.01	mg/l	--
Monochloroacetate	In-house method	0.01	<0.01	mg/l	--
Nitrilotriacetic acid	In-house method	0.01	<0.01	mg/l	--
N-Nitrosodiumethylamine	In-house method	0.01	<0.01	mg/l	--
Trichloroacetate	In-house method	0.01	<0.01	mg/l	--
Chlorine	HACH (8021)	10.00	<10.00	mg/l	--
Free chlorine	HACH (8021)	10.00	<10.00	mg/l	--
Conductivity	In-house method	--	230.90	µS/cm	--
1, 2 Dibromo-3-chloropropane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 2 -Dichloromethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 2 Dichloropropane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 2 Dichloropropane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
1,2 Dibromoethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 3 Dichloropropene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,1,1,-Trichloroethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,1,2,-Trichloroethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,2 -Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,2,4-Trichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
cis 1,2-Dichloroethene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,4 -Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Benzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Bromo dichloromethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Bromoform	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Carbon Tetrachloride	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Chloroform	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Di(2-ethylhexyl) phthalate	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Dibromo chloromethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Dibromoacetonitrile	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Dichloro acetonitrile	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Epicholorohydrin	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Ethyl Benzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Hexa chloro butadiene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
o-Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
p-Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Styrene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Tetrachloroethene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Toluene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Total trihalomethanes (TTHMs)	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Trichlorobenzene (Total)	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Trichloroethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Trihalomethanes	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Vinyl chloride	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--

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This report cancels and supersedes the report no.: DA25-45461.001 R0

Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
m-Xylene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Bromate	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Bromide	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Chlorate	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Chlorite	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Nitrite	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Chloride [D]	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Fluoride [D]	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Nitrate [D]	FL-SOP-TECH-124	0.01	<0.10	mg/l	--
Sulphate [D]	FL-SOP-TECH-124	0.01	0.02014	mg/l	--
(PCB-206) 2,2',3,3',4,4',5,5',6-Nonachlorobipheny l	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-1) 2-Chlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-101) 2,2',4,5,5'-Pentachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-110) 2,3,3',4',6-Pentachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-138) 2,2',3,4,4',5'-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-141) 2,2',3,4,5,5'-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-151) 2,2',3,5,5',6-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-153) 2,2',4,4',5,5'-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-170) 2,2',3,3',4,4',5-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-18) 2,2',5-Trichlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-180) 2,2',3,4,4',5,5'-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-183) 2,2',3,4,4',5',6-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-187) 2,2',3,4',5,5',6-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-31) 2,4',5-Trichlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-44) 2,2',3,5'-Tetrachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--

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This report cancels and supersedes the report no.: DA25-45461.001 R0

Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
(PCB-87) 2,2',3,4,5'-Pentachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-5) 2,3-Dichlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-52) 2,2',5,5'-Tetrachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-66) 2,3',4,4'-Tetrachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(a)anthracene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Chrysene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(a)pyrene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(b)fluroanthene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(k)fluroanthene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Indeno[1,2,3-cd]pyrene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
2,4 - D	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
2,4,5-T	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
2,4,6-T	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Alachlor	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Aldicarb	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Aldrin/ Dieldrin	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Atrazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Carbofuran	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Chlordane	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Chloropyrifos	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Chlorotoluron	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Cynazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
DDT-p,p'	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Dichloroprop	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Dimethoate	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Endrin	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Fenoprop	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Hydroxy atrazine as Atrazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Isoproturon	FL-SOP-TECH-117	10.00	<10.00	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Methoxychlor	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Lindane	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
MCPA	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Mecoprop	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Metolachlor	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Molinate	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Pendimethaline	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Pentachlorophenol	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Simazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Terbuthylazine (TBA)	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Trifluralin	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Total dissolved solids [D]	FL-SOP-TECH-125	5.00	114.20	mg/l	--
Ammonia	HACH - 8038	0.02	Not Detected	mg/l	--
Cobalt	FL-SOP-TECH-119 by ICP-MS	0.10	<0.10	mg/kg	--
Thallium	FL-SOP-TECH-119 by ICP-MS	0.10	<0.10	mg/kg	--
Total Alkalinity (as CaCo3)	APHA 2320 B	1.00	78.07	mg/l	--
Turbidity [D]	FL-SOP-TECH-127	--	<0.1	NTU	--
Cyanuric Acid	HACH 8139	--	Not Detected	mg/l	--
Total Hardness	APHA 2340C	--	78.09	mg/l	--
Magnesium hardness	APHA 3500 Mg.B	--	17.27	mg/l	--
Calcium Hardness	APHA 3500 Ca.B	--	60.82	mg/l	--
Silica as SiO2 (Silicate Percentage)	HACH 8185	0.01	<0.01	µg/l	--
Acrylamide	FL-SOP-TECH-140	10.00	<10.0	µg/kg	--
1,4-Dioxane [D]	FL-SOP-TECH-037 Based on GC-MS Head Space Technique	5.00	<5.0	mg/kg	--
Cyanide as CN	HACH	--	Not Detected	mg/l	--
Cynogen chloride as Cyanide	HACH	--	Not Detected	mg/l	--
Monochloramine	HACH	--	Not Detected	mg/l	--
Sodium dichloroisocynurate as Cynuric acid	HACH	--	Not Detected	mg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Total chlorine	HACH	--	Not Detected	mg/l	--
pH [D]	FL-SOP-TECH-126	--	4.79	-	--
Gross Alpha	FL-SOP-TECH 195	0.10	<0.10	Bq/l	--
Gross Beta	FL-SOP-TECH 195	0.10	<0.10	Bq/l	--
Radio Activity Cs-134	FL-SOP-TECH-196	--	Not Detected	Bq/kg	--
Radio Activity Cs-137	FL-SOP-TECH-196	--	Not Detected	Bq/kg	--
Mineral Oil	APHA 5520 B	0.01	<0.01	%	--
Carbondioxide	APHA 4500 CO2 D	--	Not Detected	mg/l	--
Bicarbonate as HCO3	APHA 2320 B	1.00	95.25	mg/l	--
Bicarbonate as CaCO3	APHA 2320 B	1.00	78.07	mg/l	--
Carbonate	APHA 2320 B	1.00	<1	mg/l	--
Surface active agents	HACH	0.05	<0.05	mg/l	--

[D] are accredited by EIAC
[I] are accredited by IAS

Remarks:
Sample description is declared by Customer.
Test method deviation: none.
RTF - Results to Follow, ND - Not Detected, N/A - Not Available, CFU - Colony Forming Units, EAPC - Estimated Aerobic plate count, LPS - Limits as per Standard, Temp. - Temperature, TNTC -Too Numerous to Count, RL - Reporting Limit (method quantification limit), ppm - parts per million, ppb - parts per billion.
Result with symbol '<' are considered as not detected except ' <250 EAPC'.
The statement of compliance is based on a 95% coverage probability for the expanded uncertainty.

Comments: Parameters added

Date Start/End Analysis : 06/05/2025 - 21/05/2025

Nitesh Haldankar
Laboratory Technical Manager

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Test Report DA25-45461.002 R1

Customer:		**Job Number:**	DA25-45461
ARNNA MINERALS LLP Building No. 1, Complex is located 0.5 kilometers East of the Daiyr Village, East Kazakhstan Region, 070704 Daiyr Rural District, Zaisan District Kazakhstan		**Received:** **Approved:** **Reported:** **Page:**	29/04/2025 21/05/2025 21/05/2025 8/14

Description: MIGLIOR - Noncarbonated Natural Mineral Water (glass bottle)

Packaging type: Sealed Bottle **Packaging condition:** Satisfactory

Product type: Water

This report cancels and supersedes the report no.: DA25-45461.002 R0

Physical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Colour	Physical	--	Colourless	-	--
Odour	Physical	--	Odourless	-	--
Taste	Physical	--	Tasteless	-	--
Appearance	Physical	--	Characteristics	-	--

Microbiological testing

Analysis	Method	RL	Result	Unit	Standard Limits
Total Coliforms D	APHA 9222 B, 24th Edition	--	Not Detected	cfu/250ml	--
Pseudomonas aeruginosa D	APHA 9213 E, 24th Edition	--	Not Detected	cfu/250ml	--
Escherichia coli D	APHA 9222D & 9225, 24th Edition	--	Not Detected	cfu/250ml	--
Fecal streptococci D	APHA 9230 C, 24th Edition	--	Not Detected	cfu/250ml	--
Enterococci D	APHA 9230 C, 24th Edition	--	Not Detected	cfu/100ml	--
Sulfite Reducing anaerobe (Clostridia)	ISO 6461/2-1986	--	Not Detected	cfu/250ml	--

Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Antimony D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Arsenic D	FL-SOP-TECH-128 by ICP-MS	0.50	1.94	µg/l	--
Barium D	FL-SOP-TECH-128 by ICP-MS	0.50	5.39	µg/l	--
Beryllium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Boron D	FL-SOP-TECH-128 by ICP-MS	0.50	7.09	µg/l	--
Cadmium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Chromium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Mercury D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Copper D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Lead D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Manganese D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Molybdenum D	FL-SOP-TECH-128 by ICP-MS	0.50	1.41	µg/l	--
Nickel D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Selenium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Uranium D	FL-SOP-TECH-128 by ICP-MS	0.50	<0.50	µg/l	--
Aluminium	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Iron	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Silver	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Zinc	FL-SOP-TECH-128, by ICP_MS	0.50	<0.50	µg/l	--
Calcium	FL-SOP-TECH-128, by ICP_MS	0.50	29.62	mg/l	--
Magnesium	FL-SOP-TECH-128, by ICP_MS	0.50	4.14	mg/l	--
Potassium	FL-SOP-TECH-128, by ICP_MS	0.50	0.76	mg/l	--
Sodium	FL-SOP-TECH-128, by ICP_MS	0.50	9.79	mg/l	--
Benzo pyrene	In-house method	0.01	<0.01	mg/l	--
Dichloroacetate	In-house method	0.01	<0.01	mg/l	--
Edetic acid (EDTA)	In-house method	0.01	<0.01	mg/l	--
Monochloroacetate	In-house method	0.01	<0.01	mg/l	--
Nitrilotriacetic acid	In-house method	0.01	<0.01	mg/l	--
N-Nitrosodiumethylamine	In-house method	0.01	<0.01	mg/l	--
Trichloroacetate	In-house method	0.01	<0.01	mg/l	--
Chlorine	HACH (8021)	10.00	<0.01	mg/l	--
Free chlorine	HACH (8021)	10.00	<0.01	mg/l	--
Conductivity	In-house method	--	244.70	µS/cm	--
1, 2 Dibromo-3-chloropropane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 2 -Dichloromethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 2 Dichloropropane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 2 Dichloropropane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
1,2 Dibromoethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1, 3 Dichloropropene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,1,1,-Trichloroethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,1,2,-Trichloroethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,2 -Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,2,4-Trichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
cis 1,2-Dichloroethene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
1,4 -Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Benzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Bromo dichloromethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Bromoform	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Carbon Tetrachloride	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Chloroform	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Di(2-ethylhexyl) phthalate	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Dibromo chloromethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Dibromoacetonitrile	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Dichloro acetonitrile	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Epicholorohydrin	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Ethyl Benzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Hexa chloro butadiene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
o-Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
p-Dichlorobenzene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Styrene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Tetrachloroethene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Toluene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Total trihalomethanes (TTHMs)	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Trichlorobenzene (Total)	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Trichloroethane	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Trihalomethanes	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Vinyl chloride	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
m-Xylene	FL-SOP-TECH- 163	10.00	<10.00	µg/l	--
Bromate	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Bromide	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Chlorate	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Chlorite	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Nitrite	FL-SOP-TECH-124	0.00	<0.01	mg/l	--
Chloride [D]	FL-SOP-TECH-124	0.01	0.0494	mg/l	--
Fluoride [D]	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Nitrate [D]	FL-SOP-TECH-124	0.01	<0.01	mg/l	--
Sulphate [D]	FL-SOP-TECH-124	0.01	0.02402	mg/l	--
(PCB-206) 2,2',3,3',4,4',5,5',6-Nonachlorobipheny l	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-1) 2-Chlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-101) 2,2',4,5,5'-Pentachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-110) 2,3,3',4',6-Pentachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-138) 2,2',3,4,4',5'-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-141) 2,2',3,4,5,5'-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-151) 2,2',3,5,5',6-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-153) 2,2',4,4',5,5'-Hexachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-170) 2,2',3,3',4,4',5-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-18) 2,2',5-Trichlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-180) 2,2',3,4,4',5,5'-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-183) 2,2',3,4,4',5',6-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-187) 2,2',3,4',5,5',6-Heptachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-31) 2,4',5-Trichlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-44) 2,2',3,5'-Tetrachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
(PCB-87) 2,2',3,4,5'-Pentachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-5) 2,3-Dichlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-52) 2,2',5,5'-Tetrachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
(PCB-66) 2,3',4,4'-Tetrachlorobiphenyl	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(a)anthracene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Chrysene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(a)pyrene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(b)fluroanthene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Benzo(k)fluroanthene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
Indeno[1,2,3-cd]pyrene	FL-SOP-TECH-167 by GC-MSMS	0.10	<0.10	µg/l	--
2,4 - D	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
2,4,5-T	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
2,4,6-T	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Alachlor	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Aldicarb	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Aldrin/ Dieldrin	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Atrazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Carbofuran	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Chlordane	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Chloropyrifos	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Chlorotoluron	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Cynazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
DDT-p,p'	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Dichloroprop	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Dimethoate	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Endrin	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Fenoprop	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Hydroxy atrazine as Atrazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Isoproturon	FL-SOP-TECH-117	10.00	<10.00	µg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Methoxychlor	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Lindane	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
MCPA	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Mecoprop	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Metolachlor	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Molinate	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Pendimethaline	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Pentachlorophenol	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Simazine	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Terbuthylazine (TBA)	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Trifluralin	FL-SOP-TECH-117	10.00	<10.00	µg/l	--
Total dissolved solids [D]	FL-SOP-TECH-125	5.00	121.00	mg/l	--
Ammonia	HACH - 8038	0.02	Not Detected	mg/l	--
Cobalt	FL-SOP-TECH-119 by ICP-MS	0.10	<0.1	mg/kg	--
Thallium	FL-SOP-TECH-119 by ICP-MS	0.10	<0.1	mg/kg	--
Total Alkalinity (as CaCo3)	APHA 2320 B	1.00	87.14	mg/l	--
Turbidity [D]	FL-SOP-TECH-127	--	<0.1	NTU	--
Cyanuric Acid	HACH 8139	--	Not Detected	mg/l	--
Total Hardness	APHA 2340C	--	90.89	mg/l	--
Magnesium hardness	APHA 3500 Mg.B	--	16.98	mg/l	--
Calcium Hardness	APHA 3500 Ca.B	--	73.91	mg/l	--
Silica as SiO2 (Silicate Percentage)	HACH 8185	0.01	<0.1	µg/l	--
Acrylamide	FL-SOP-TECH-140	10.00	<10.0	µg/kg	--
1,4-Dioxane [D]	FL-SOP-TECH-037 Based on GC-MS Head Space Technique	5.00	<5.0	mg/kg	--
Cyanide as CN	HACH	--	Not Detected	mg/l	--
Cynogen chloride as Cyanide	HACH	--	Not Detected	mg/l	--
Monochloramine	HACH	--	Not Detected	mg/l	--
Sodium dichloroisocynurate as Cynuric acid	HACH	--	Not Detected	mg/l	--

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Chemical testing

Analysis	Method	RL	Result	Unit	Standard Limits
Total chlorine	HACH	--	Not Detected	mg/l	--
pH [D]	FL-SOP-TECH-126	--	7.71	-	--
Gross Alpha	FL-SOP-TECH 195	0.10	<0.1	Bq/l	--
Gross Beta	FL-SOP-TECH 195	0.10	<0.1	Bq/l	--
Radio Activity Cs-134	FL-SOP-TECH-196	--	Not Detected	Bq/kg	--
Radio Activity Cs-137	FL-SOP-TECH-196	--	Not Detected	Bq/kg	--
Mineral Oil	APHA 5520 B	0.01	<0.01	%	--
Carbondioxide	APHA 4500 CO2 D	--	Not Detected	mg/l	--
Bicarbonate as HCO3	APHA 2320 B	1.00	106.31	mg/l	--
Bicarbonate as CaCO3	APHA 2320 B	1.00	87.14	mg/l	--
Carbonate	APHA 2320 B	1.00	<1	mg/l	--
Surface active agents	HACH	0.05	<0.05	mg/l	--

[D] are accredited by EIAC
[I] are accredited by IAS

Remarks:
Sample description is declared by Customer.
Test method deviation: none.
RTF - Results to Follow, ND - Not Detected, N/A - Not Available, CFU - Colony Forming Units, EAPC - Estimated Aerobic plate count, LPS - Limits as per Standard, Temp. - Temperature, TNTC -Too Numerous to Count, RL - Reporting Limit (method quantification limit), ppm - parts per million, ppb - parts per billion.
Result with symbol '<' are considered as not detected except ' <250 EAPC'.
The statement of compliance is based on a 95% coverage probability for the expanded uncertainty.

Comments: Parameters added

Date Start/End Analysis : 06/05/2025 - 21/05/2025

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Nitesh Haldankar
Laboratory Technical Manager

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