

<b>ID No.</b>	<b>sample_number='TWESWTL/1819/00003'</b>
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<b>Dated</b>	16/06/2018
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Sample Registration No. :    sample\_number='TWESWTL/1819/00003'

Test Results						
Radioactive Elements						
Sr. No.	Parameter	Permissible Limit (microgram per liter)	Method Detection Limit (MDL) (microgram per liter)		Result	Standard/ Specification/ Method Followed
1.	*Uranium (U)	60	5		As per Annexure Attached	APHA-3125B - By ICPMS
Heavy Metals (As per IS 10500:2012)						
Sr. No.	Parameter	Acceptable Limit mg/l	Permissible Limit mg/l	Method Detection Limit (MDL) (mg/l)	Result	Standard/ Specification/ Method Followed
1.	Aluminum (Al)	0.03	0.2	0.01	As per Annexure Attached	APHA-3125B - By ICPMS
2.	Chromium (Cr)	0.05	No Relaxation	0.005		
3.	Iron (Fe)	1.0	No Relaxation	0.01		
4.	Nickel (Ni)	0.02	No Relaxation	0.005		
5.	Mercury (Hg)	0.001	No Relaxation	0.0005		
6.	Arsenic (As)	0.01	No Relaxation	0.005		
7.	Selenium (Se)	0.01	No Relaxation	0.005		
8.	Cadmium (Cd)	0.003	No Relaxation	0.001		
9.	Lead (Pb)	0.01	No Relaxation	0.005		
10.	Copper (Cu)	0.05	1.5	0.010		
Anions						
Sr. No.	Parameter	Acceptable Limit mg/l	Permissible Limit mg/l	Method Detection Limit (MDL) (mg/l)	Result	Standard/ Specification/ Method Followed
1.	Fluoride (F)	1.0	1.5	0.5	As per Annexure Attached	APHA-4110 - By IC
2.	Chloride (Cl)	250	1000	0.5		
3.	Nitrate (NO3)	45	No Relaxation	0.5		
4.	Sulphate (SO4)	200	400	0.5		
Cations						
Sr. No.	Parameter	Acceptable Limit mg/l	Permissible Limit mg/l	Method Detection Limit (MDL) (mg/l)	Result	Standard/ Specification/ Method Followed
1.	Calcium (Ca)	75	200	1.0	As per Annexure Attached	ISO 14911
2.	Magnesium (Mg)	30	100	1.0		
Note 1 :	ppb : parts per billion		mg/l : milligram per liter		MDL : method detection limit	
	APHA : American Public Health Association				BDL : Below Detection Limit	
Note 2 :	The parameters marked with an * are not accredited by NABL.					

Deputy Quality Manager

Authorized Signatory