



ND-WTL-F-01

Nutrition Division

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WHO Focal Point for Food Safety / Federal Public Analyst Lab for Food Quality

Water Analysis Report (Drinking Water)

Reception No.	763	Receiving Date	23-07-2025
Laboratory No.	WC 567 / WM 679	Reporting Date	31-07-2025
Name / Address of Client	MTBC, Azad Kashmir Bagh AJK.		
Labelling / Packing	Product Name / Nomenclature	Drinking Water	
	Source	Tube Well Main Tank	
	Location	MTBC Office, Qundeel Colony Baga AJK	
	Volume	1.5L	Packing

Quality / Physical Parameters

Parameters	Results	Maximum Permissible Level	Parameters	Results	Maximum Permissible Level
Color	Colorless	Colorless	Turbidity (NTU)	0.59	05
Odor	Unobjectionable	Unobjectionable	pH	7.1	6.5-8.5
Appearance	Suspended Particles				Clear

Quality / Chemical Parameters

Parameters	Results (ppm)	Maximum Permissible Level	Parameters	Results (ppm)	Maximum Permissible Level
Conductivity (uS/cm)	266	1334	Chloride	13	250
Total Dissolved Solids (TDS)	199	1000	Residual Chlorine	0.0	0.1
Total Hardness (as CaCO ₃)	160	500	Sodium	1.8	200
Calcium	50	200	Potassium	0.8	100
Magnesium	8.4	100	Iron	-	-
Zinc	-	-	Arsenic	-	-
Copper	-	-	Cadmium	-	-

Microbiological Parameters

Parameters	Results (value/gm)	Maximum Permissible Level
Total Viable Count	5×10 ⁴	< 20/ml
Most Probable Number of <i>Coliform</i>	240 ⁺	0.0/100ml
Most Probable Number of Thermo Tolerant Fecal <i>Coliform</i>	Present	Nil/100ml
<i>E. coli</i>	Present	Nil/100ml
Others	-	-

Conclusion: Unhygienic Sample / Satisfactory as per chemical parameters, except appearance.

Remarks: —

Reference Methods: PSQCA 4th Rev. / APHA 23rd Ed. / FAO / WHO

Recommendations: Boiling / Filtration / De-Chlorination / Desalination / pH Neutralization / Appropriate Sampling

QA Officer, ND

Chief Nutrition Division, NIH

Note:

- Authenticity of the sample rests with the Applicant
- Report Not Valid for Court Purpose