

Unofficial English Translation from Nepali Version of Rastriya Khanepani Gunastar Mapdanda

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Government of Nepal has issued this notice of implementation of National Drinking Water Quality Standards, Under the provision of Water Resources Act, 2049, Clause 18 and Sub Clause 1.

(क) अनिवार्य परीक्षण गर्नु पर्ने Parameters

S.N.	Parameters	Unit	Maximum Concentration Limit)	Remarks
Physical Parameters				
1	Turbidity	NTU	5 (10)	
2	pH		6.5-8.5*	
3	Color	TCU	5(15)	
4	Taste & Odor		Should be acceptable	
5	Electrical Conductivity	Microsimen	1500	
Chemical Parameters				
6	Iron	mg/Liter	0.3(3)	
7	Manganese	mg/Liter	0.2	
8	Arsenic	mg/Liter	0.05	
9	Fluoride	mg/Liter	0.5-1.5 (Minimum-Maximum)	
10	Ammonia	mg/Liter	1.5	
11	Chloride	mg/Liter	250	
12	Sulphate	mg/Liter	250	
13	Nitrate	mg/Liter	50	
14	Copper	mg/Liter	1	
15	Zinc	mg/Liter	3	
16	Aluminium	mg/Liter	0.2	
17	Cadmium	mg/Liter	500	
18	Residual Chlorine	mg/Liter	0.5-1.5 (Minimum-Maximum)	
Microbiological Parameters				
19	e-Coli	c.f.u/100 ml	0	

(ख) जोखिम तथा सान्दर्भिकताको आधारमा थप परीक्षण गर्नु पर्ने Parameters

S.N.	Parameters	Unit	Maximum Concentration Limit)	Remarks
Physical Parameters				
1	Total Dissolved Solids	mg/Liter	1000	
Chemical Parameters				
2	Calcium	mg/Liter	200	
3	Lead	mg/Liter	0.01	
4	Cadmium	mg/Liter		
5	Chromium	mg/Liter	0.05	
6	Cyanide	mg/Liter	0.07	
7	Mercury	mg/Liter	0.001	
8	Nitrate	mg/Liter	3	
Microbiological Parameters				
9	Total Coliform	c.f.u/100 ml .	0 (90 percentage sample)	