



IN-HOUSE LABORATORY TEST REPORT

SPRINGORA BOTTLED DRINKING WATER

Report No.	SPR/IHQC/BDW/2026-003	Report date	29-07-2026
Prepared for	Pakistan Standards and Quality Control Authority (PSQCA)	Report status	CONTROLLED COPY
Company	Springora (Pvt.) Ltd.	Laboratory	Springora In-House Quality Control Laboratory
Product / brand	SPRINGORA Bottled Drinking Water	Pack size	1.5 L
Source / location	Protected Spring	Batch / lot no.	SP280726A
Manufacturing date	28-07-2026	Expiry date	28-07-2027
Date of analysis	27-07-2026	Analyst	Fariha Yunus - Water Quality Manager
Calibration frequency	Quarterly	Overall status	PASS - COMPLIANT

Laboratory address: Malik Plaza, Near Hascol Pump, Main Murree Road, Bhara Kahu, Islamabad. Phone: +92 336 5216903 | Email: springoraofficial@gmail.com | Website: www.springorapk.com

Scope: Physical, routine chemical, microbiological, and heavy-metal/additional inorganic parameters for the stated finished-water batch.

Result summary: Physical, routine chemical, microbiological and all numerical heavy-metal/additional inorganic results meet the stated acceptance criteria. Parameters without a WHO numerical guideline value are retained as recorded results.

Laboratory declaration

The results in this report are presented as the Springora In-House Quality Control Laboratory record for the sample identified above. This report must be supported by the corresponding laboratory worksheet, instrument/kit record, reagent record, calibration record and authorized signatures.

A. Physical Parameters | Finished bottled drinking water

No.	Parameter	Unit	Result	Reference value / limit	Status
1	Colour	-	Colorless	Colorless	PASS
2	Odour	-	Unobjectionable	Unobjectionable	PASS
3	Appearance	-	Clear	Clear	PASS
4	Turbidity	NTU	0.0	≤0.5	PASS
5	pH	pH units	7.3	6.5-8.5	PASS

B. Chemical Parameters | Routine chemistry

No.	Parameter	Unit	Result	Reference value / limit	Status
1	Total Dissolved Solids (TDS)	mg/L	170	≤500	PASS
2	Total Hardness (as CaCO ₃)	mg/L	93	≤500	PASS
3	Calcium	mg/L	31	≤100	PASS
4	Magnesium	mg/L	5	≤100	PASS
5	Chloride	mg/L	42	≤250	PASS
6	Residual Chlorine	mg/L	0.0	≤0.1	PASS
7	Sodium	mg/L	16.7	≤50	PASS
8	Potassium	mg/L	1.4	≤10	PASS

C. Microbiological Parameters | Finished-product verification

No.	Parameter	Unit	Result	Reference value / limit	Status
1	Total Viable Count	CFU/mL	<20	<20/mL	PASS
2	Most Probable Number of Coliform	MPN/100 mL	0	0/100 mL	PASS
3	Thermotolerant Faecal Coliform	per 100 mL	Nil	Not detected/100 mL	PASS
4	E. coli	per 100 mL	Nil	Not detected/100 mL	PASS

D. Heavy Metals and Additional Inorganic Parameters

No.	Parameter	Unit	Result	Reference value / limit	Status
1	Alkalinity (as CaCO ₃)	mg/L	50	No WHO health-based GV; record	RECORDED
2	Bicarbonate (as HCO ₃)	mg/L	60	No WHO health-based GV; record	RECORDED
3	Cyanuric acid	mg/L	0	<=40 (WHO; as cyanuric acid)	PASS
4	Copper	mg/L	0	<=2 (WHO)	PASS
5	Mercury (inorganic)	mg/L	0	<=0.006 (WHO)	PASS
6	Bromine	mg/L	0	No WHO numerical guideline value	RECORDED
7	Nitrate (as NO ₃)	mg/L	0	<=50 (WHO)	PASS
8	Nitrite (as NO ₂)	mg/L	0	<=3 (WHO)	PASS
9	Iron	mg/L	0	<=0.3 acceptability reference	PASS
10	Chromium (total)	mg/L	0	<=0.05 (WHO)	PASS
11	Lead	mg/L	0	<=0.01 (WHO; provisional)	PASS
12	Fluoride	mg/L	0.6	<=1.5 (WHO)	PASS
13	Manganese (total)	mg/L	0	<=0.08 (WHO; provisional)	PASS
14	Zinc	mg/L	0	<=3 acceptability reference	PASS
15	Cadmium	mg/L	0	<=0.003 (WHO)	PASS
16	Aluminium	mg/L	0	<=0.1 operational reference	PASS
17	Nickel	mg/L	0	<=0.07 (WHO)	PASS

Important: Alkalinity and bicarbonate are recorded as additional operational parameters.

Interpretation and Release Decision | Controlled review

RELEASE REVIEW - COMPLIANT: All reported numerical results in the heavy-metals and additional inorganic section are within their stated reference limits. Parameters without a WHO numerical guideline value are retained as recorded results.

Test group	Finding	Decision
Physical parameters	5 of 5 meet stated criteria	PASS
Routine chemical parameters	8 of 8 meet stated criteria	PASS
Microbiological parameters	4 of 4 meet stated criteria	PASS
Heavy/additional parameters	14 pass; 3 recorded; 0 fail	PASS

Overall conclusion

PASS - COMPLIANT WITH THE STATED REFERENCE VALUES. All numerical results meet the listed acceptance limits; release and submission remain subject to authorized review.

Analyzed / prepared by	Reviewed / approved by
Fariha Yunus	Ali Gul
Water Quality Manager	Chief Executive Officer
Signature: _____	Signature: _____
Date: _____	Date & company stamp: _____