

BRITISH SALT

A TATA Enterprise

Product Test Specification

Specification No.	BSL06	Version	02
Legacy Ref	31	Review	3 years
Date Created	21Jul2023	Review Date	21Jul2026

High Purity Technical Grade Salt

For use in the textiles industry, detergents industry and chlor-alkali process

Chemical Analysis	Specification	British Salt Typical	Unit
Assay (dry basis)	99.9%	99.9%	As NaCl
Moisture	0.2% Max	0.03%	As H ₂ O
Matter Insoluble in water	300mg/kg Max	30mg/kg	--
Sodium Sulphate	3000mg/kg Max	350mg/kg	As Na ₂ SO ₄
Calcium	100 mg/kg Max	17.5 mg/kg	as Ca
Magnesium	20 mg/kg Max	<0.04mg/kg	As Mg
Cadmium	0.2 mg/kg Max	<0.005mg/kg	As Ca
Arsenic	0.5 mg/kg Max	<0.02mg/kg	As As
Copper	1 mg/kg Max	<0.04mg/kg	As Cu
Lead	1 mg/kg Max	<0.01mg/kg	As Pb
Mercury	0.05 mg/kg Max	<0.01mg/kg	As Hg
Alkalinity	300 mg/kg Max	n/a mg/kg	Na ₂ CO ₃
Iron	2 mg/kg Max	2 mg/kg	as Fe
*Anti-caking agent (E635)	11.5 mg/kg Max 16.5 mg/kg Max	8 mg/kg 10 mg/kg	as [Fe(CN) ₆] ⁴⁻ as Na ₄ Fe(CN) ₆

Physical Analysis by grade		British Salt Specification (Not stipulated in BS998:1990)		
All Grades	Appearance	White crystalline	White crystalline	Complies
High Technical Purity Salt	+1400µm	0	% Max	Retained
	+850µm	08	% Max	Retained
	+425µm	56	% Max	Retained
		91	% Max	Retained
	+300µm Bulk Density	1.22 to 1.32	g cm ⁻³	