

Product Test Specification

Specification No:	BSL06	Version:	01
Legacy Ref:	55	Review	3 years
Date Created:	02JUN2020	Review Date:	02JUN2023

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 % Min	99.9 %	as NaCl
Moisture	0.2 % Max	0.03 %	As H ₂ O
Matter insoluble in water	300 mg/kg Max	30 mg/kg	-
Sodium Sulphate	3000 mg/kg Max	350 mg/kg	as Na ₂ SO ₄
Calcium	100 mg/kg Max	17.5 mg/kg	as Ca
Magnesium	20 mg/kg Max	<0.04 mg/kg	as Mg
Cadmium	0.2 mg/kg Max	<0.005 mg/kg	as Cd
Arsenic	0.5 mg/kg Max	<0.02 mg/kg	as As
Copper	1 mg/kg Max	<0.04 mg/kg	as Cu
Lead	1 mg/kg Max	<0.01 mg/kg	as Pb
Mercury	0.05 mg/kg Max	<0.01 mg/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 (E535)	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
	+300µm	91	% Max	Retained
	Bulk Density	1.22 to 1.32	g cm-3	-

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