Product Test Specification

BRITISH SALT
A TATA Enterprise

Specification No:	BSL01	Version:	03
Legacy Ref:	01,04,05,07,09	Review	3 years
Date Created:	13JAN2025	Review Date:	13Jan2028

Pure Dried Vacuum Salt

Conforms to BS998:1990 "Vacuum Salt for Food Use"
Conform to regulation EC1129/2011
Complies with EU Food safety legislation and is suitable for food use.*

Chemical Analysis	BS998:1990 Standard	British Salt Typical	Unit
Assay (dry basis)	99.6 % Min	99.9 %	as NaCl
Moisture	0.2 % Max	0.03 %	As H_2O
Matter insoluble in water	300 mg/kg Max	30 mg/kg	-
Sodium Sulphate	3000 mg/kg Max	350 mg/kg	as Na_2SO_4
Calcium	100 mg/kg Max	17.5 mg/kg	as Ca
Magnesium	100 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	2 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_2CO_3
Iron	10 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 $Na_4Fe(CN)_6$

*Anticaking agent specification based on EU standard due to lower limits

Physical Analysis by grade		British Salt Specification (Not stipulated in BS998:1990)		
All Grades	Appearance	White crystalline	White crystalline	Complies
Standard PDV	+1400µm	0	% Max	Retained
	+850µm	8	% Max	Retained
	+425µm	56	% Max	Retained
	+300µm	91	% Max	Retained
	Bulk Density	1.22 to 1.32	g cm-3	-
Fine 50	+300µm	5.0	% Max	Retained
	Bulk Density	1.16 to 1.27	g cm-3	-
Fine 60	+250µm	5.0	% Max	Retained
	Bulk Density	1.16 to 1.23	g cm-3	-
Tanker Fine	+710µm	4.5	% Max	Retained
	+180µm	95	% Min	Retained
Tanker Coarse	+500µm	85	% Min	Retained