

## Product Test Specification

Specification No:	BSL05	Version:	01
Legacy Ref:	38, 54	Review	3 years
Date Created:	12AUG2020	Review Date:	12AUG2023

## Iodised Salt

Conforms to Codex Standard for Food Grade Salt (CX Standard 150-1985)

Iodised salt is prepared to customers' specific requirements. Iodising agent and level of iodine are governed by national legislation and these are agreed with customers prior to manufacture.

Chemical Analysis	CX Standard 150-1985	British Salt Typical	Unit
Assay (dry basis)	97 % Min	99.9 %	as NaCl
Moisture	0.2 % Max	0.03 %	as H <sub>2</sub> O
Matter insoluble in water	300 mg/kg Max	30 mg/kg	-
Sodium Sulphate	3000 mg/kg Max	350 mg/kg	as Na <sub>2</sub> SO <sub>4</sub>
Calcium	100 mg/kg Max	17.5 mg/kg	as Ca
Magnesium	100 mg/kg Max	<0.04 mg/kg	as Mg
Cadmium	0.5 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	2 mg/kg Max	<0.01 mg/kg	as Pb
Mercury	0.1 mg/kg Max	<0.01 mg/kg	as Hg
Iron	10 mg/kg Max	2 mg/kg	As Fe
*Anti-caking agent (E535)	10 mg/kg Max 14.3 mg/kg Max	8 mg/kg 10 mg/kg	as [Fe(CN) <sub>6</sub> ] <sup>4-</sup> as Na <sub>4</sub> Fe(CN) <sub>6</sub>

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

Physical Analysis by grade		British Salt Specification (not stipulated in CX Standard 150-1985)		
Iodised	Appearance	White crystalline	-	Complies
	+400µm	0	% Max	Retained
	Bulk Density	1.22 to 1.32	g cm <sup>-3</sup>	-

Iodine Content		
Iodising Agent	Potassium Iodate	n/a
Iodine Content of Iodised Salt	Agreed with customer at time of order	Mg/kg as 'I'
Iodine Content of 1kg retail	Determined by country of sale	Mg/kg as 'I'

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