

## SALT TECHNICAL DATA SPECIFICATION

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### FOOD GRADE PURE DRIED VACUUM SALT (PDV)

Food Grade Pure Dried Vacuum Salt from INEOS Enterprises is ideal for a wide range of applications including food, animal feed, water treatment and chemical manufacture. The manufacturing plant at Weston Point is registered for food and feed production with food grade PDV certificated to the BRC Global Standard for Food Safety and feed grade PDV certificated to the Feed Materials Assurance Scheme, FEMAS. Low sulphate, bromide and moisture levels contribute to the high chemical purity which is required for most industrial applications. The specification is assured by a Quality Management System registered to ISO 9001 and a commitment to continuous improvement.

### CHEMICAL SPECIFICATION

Test methods used are as given in BS998:1990 or equivalent, except appearance which is a visual assessment.

COMPONENT	UNIT	SPECIFICATION	TYPICAL ANALYSIS
Appearance		White Crystalline	
Assay (dry basis)	%m/m NaCl	99.9 min.	99.9
Surface Moisture	%m/m H <sub>2</sub> O	0.05 max.	0.01
Insoluble matter	mg/kg	<50	<10
Alkalinity	mg/kg Na <sub>2</sub> CO <sub>3</sub>	<150	63
Sulphate	mg/kg Na <sub>2</sub> SO <sub>4</sub>	<500	188
E535, Sodium Hexacyanoferrate II	mg/kg Na <sub>4</sub> Fe(CN) <sub>6</sub>	14 max.	7.4
Total Iron	mg/kg Fe	<5	1.4
Total Calcium	mg/kg Ca	<20	2.6
Total Magnesium	mg/kg Mg	<5	0.7
Total Copper	mg/kg Cu	2 max.	<0.1
Total Arsenic	mg/kg As	0.3 max.	<0.01
Total Lead	mg/kg Pb	1 max.	<0.1
Total Cadmium	mg/kg Cd	0.2 max.	<0.01
Total Mercury	mg/kg Hg	0.05 max.	<0.03
Total Nickel	mg/kg Ni	0.75 max.	<0.05
Total Chromium	mg/kg Cr	0.75 max.	<0.03
Total Selenium	mg/kg Se	2.6 max.	<0.2
Total Antimony	mg/kg Sb	2.6 max.	<0.2
Total Bromide	mg/kg Br	<120	76

### PHYSICAL CHARACTERISTICS

Typical Pouring Density 1.25 - 1.30 g/cm<sup>3</sup>

Typical Sieve Analysis	BS410 ref.	% Through Sieve
	16 (1000µm)	100
	22 (710µm)	99.9
	30 (500µm)	97.1
	52 (300µm)	32.3
	85 (180µm)	5.5

*P. Cowley*

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Quality & Analysis Manage

**Important Note:** The information contained in this document is given in good faith and is to the best of INEOS' knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purposes.

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