INEOS Enterprises

SALT TECHNICAL DATA
SPECIFICATION

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PURE DRIED VACUUM SALT (PDV)

Pure Dried Vacuum Salt from INEOS Enterprises is ideal for a wide range of applications including food, water treatment and chemical manufacture. The manufacturing plant at Weston Point is registered for food production, and food grade PDV is certificated to the BRC Global Standard for Food Safety. Low sulphate, bromide and moisture levels contribute to the high chemical purity which is required for most industrial applications. This purity 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_2O	0.05 max.	0.02
Insoluble matter	mg/kg	<50	<10
Alkalinity	mg/kg Na_2CO_3	<150	67
Sulphate	mg/kg Na_2SO_4	<500	181
E535, Sodium Hexacyanoferrate II	mg/kg $Na_4Fe(CN)_6$	14 max.	6.7
Total Iron	mg/kg Fe	<5	1.3
Total Calcium	mg/kg Ca	<20	2.4
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	80

PHYSICAL CHARACTERISTICS

Typical Pouring Density 1.25 - 1.30 g/cm^3

Typical Sieve Analysis

BS410 ref.	% Through Sieve
16 (1000µm)	100
22 (710µm)	99.9
30 (500µm)	97.1
52 (300µm)	39.5
85 (180µm)	9.0

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