

## Industrial Vacuum Salt

Industrial PDV Salt is a non-food grade of salt suitable for a wide range of industrial and chemical uses. 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 system registered to ISO 9001 and a commitment to Total Quality Management. Occasionally trace amounts of harmless calcium carbonate scale, visible as tiny brown specs can be found in Industrial PDV salt.

### Chemical Specification

Test methods used are BS 7319:1990 or equivalent, except appearance which is a visual assessment.

Property	Unit	Specification	Typical Analysis
Appearance		Predominantly White Crystalline	
Assay (dry basis)	% m/m NaCl	≥ 99.9	> 99.9
Surface Moisture	% m/m H <sub>2</sub> O	≤ 0.1	0.03
Insoluble Matter	mg/kg	< 50	< 20
Alkalinity	mg/kg Na <sub>2</sub> CO <sub>3</sub>	< 150	70
Sulphate	mg/kg Na <sub>2</sub> SO <sub>4</sub>	< 500	195
Sodium (E535)	mg/kg	< 20	7
Hexacyanoferrate II	Na <sub>4</sub> Fe(CN) <sub>6</sub>		
Total Iron	mg/kg Fe	< 5	2
Total Calcium	mg/kg Ca	< 20	5
Total Magnesium	mg/kg Mg	< 5	1.5
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	< 0.03
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	< 150	80

### PHYSICAL CHARACTERISTICS

Typical Pouring Density	1.25 – 1.30 g/ml	
Typical Sieve Analysis	BS410 ref	% through Sieve
	16 (1000µm)	100
	22 (710µm)	99.9
	30 (500µm)	97.1
	52 (300 µm)	39.5
	85 (180 µm)	9.0

Available in Bulk loads, 25kg or 1 metric tonne bags.

**JC PEACOCK & COMPANY LTD, NORTH HARBOUR, AYR, KA8 8AE – TEL 01292 292 000 – FAX 01292 292 001**

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