

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 ₂ O | ≤ 0.1 | 0.03 |
| Insoluble Matter | mg/kg | < 50 | < 20 |
| Alkalinity | mg/kg Na ₂ CO ₃ | < 150 | 70 |
| Sulphate | mg/kg Na ₂ SO ₄ | < 500 | 195 |
| Sodium (E535) | mg/kg | < 20 | 7 |
| Hexacyanoferrate II | Na ₄ Fe(CN) ₆ | | |
| 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.