

Product Specification



Adding
Value
to Food

Product Title PDV - SALT
Product Code OC30079

FOOD GRADE PURE DRIED VACUUM SALT (PDV)

Food Grade Pure Dried Vacuum Salt from INEOS Enterprises Group Limited 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 certificated 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 | 99.9 |
| Surface Moisture | %m/m H ₂ O | ≤ 0.05 | 0.01 |
| Insoluble matter | mg/kg | < 50 | <10 |
| Alkalinity | mg/kg Na ₂ CO ₃ | < 150 | 65 |
| Sulphate | mg/kg Na ₂ SO ₄ | < 500 | 173 |
| E535, Sodium Hexacyanoferrate II | mg/kg Na ₄ Fe(CN) ₆ | ≤ 13 | 7.9 |
| Total Iron | mg/kg Fe | < 5 | 1.5 |
| Total Calcium | mg/kg Ca | < 20 | 2.6 |
| Total Magnesium | mg/kg Mg | < 5 | 0.7 |
| Total Copper | mg/kg Cu | ≤ 2 | <0.1 |
| Total Arsenic | mg/kg As | ≤ 0.3 | <0.1 |
| Total Lead | mg/kg Pb | ≤ 1 | <0.1 |
| Total Cadmium | mg/kg Cd | ≤ 0.2 | <0.01 |
| Total Mercury | mg/kg Hg | ≤ 0.05 | <0.03 |
| Total Nickel | mg/kg Ni | ≤ 0.75 | <0.05 |
| Total Chromium | mg/kg Cr | ≤ 0.75 | <0.03 |
| Total Selenium | mg/kg Se | ≤ 2.6 | <0.2 |
| Total Antimony | mg/kg Sb | ≤ 2.6 | <0.2 |
| Total Bromide | mg/kg Br | <120 | 86 |

PHYSICAL CHARACTERISTICS

Typical Pouring Density 1.25 - 1.30 g/cm³

| Typical Sieve Analysis | BS410 ref. | % Through Sieve |
|------------------------|-------------|-----------------|
| | 16 (1000µm) | 100.0 |
| | 22 (710µm) | 99.9 |
| | 30 (500µm) | 94.9 |
| | 52 (300µm) | 37.0 |
| | 85 (180µm) | 6.1 |

P. Cowley
P Cowley
Quality & Analysis Manager

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Product Specification



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| Customer Approval of Specification | |
| Please sign and return this specification to technical@scobie-junor.co.uk to confirm formal acceptance of this specification. All specifications issued will be deemed to be accepted if no communication to the contrary is received after 10 working days. | |
| Signature: | |
| Print name: | |
| Position: | |
| Date: | |

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