

Product Test Specification

| | | | |
|-------------------|----------------|--------------|-----------|
| Specification No: | BSL01 | Version: | 01 |
| Legacy Ref: | 01,04,05,07,09 | Review | 3 years |
| Date Created: | 02JUN2020 | Review Date: | 02JUN2023 |

Standard Grade Pure Dried Vacuum Salt

Conforms to BS998:1990 "Vacuum Salt for Food Use"

Conform to regulation EC1129/2011

Complies with EU Food safety legislation and is suitable for food use.*

| Chemical Analysis | BS998:1990 Standard | British Salt Typical | Unit |
|---------------------------|----------------------------------|----------------------|---|
| Assay (dry basis) | 99.6 % Min | 99.9 % | as NaCl |
| Moisture | 0.2 % Max | 0.03 % | As H ₂ O |
| Matter insoluble in water | 300 mg/kg Max | 30 mg/kg | - |
| Sodium Sulphate | 3000 mg/kg Max | 350 mg/kg | as Na ₂ SO ₄ |
| Calcium | 100 mg/kg Max | 17.5 mg/kg | as Ca |
| Magnesium | 100 mg/kg Max | <0.04 mg/kg | as Mg |
| Cadmium | 0.2 mg/kg Max | <0.005 mg/kg | as Cd |
| Arsenic | 0.5 mg/kg Max | <0.02 mg/kg | as As |
| Copper | 2 mg/kg Max | <0.04 mg/kg | as Cu |
| Lead | 1 mg/kg Max | <0.01 mg/kg | as Pb |
| Mercury | 0.05 mg/kg Max | <0.01 mg/kg | as Hg |
| Alkalinity | 300 mg/kg Max | n/a mg/kg | Na ₂ CO ₃ |
| Iron | 10 mg/kg Max | 2 mg/kg | as Fe |
| *Anti-caking agent (E535) | 11.5 mg/kg Max 16.5 mg/kg Max | 8 mg/kg 10 mg/kg | as [Fe(CN) ₆] ⁴⁻ as Na ₄ Fe(CN) ₆ |

*Anticaking agent specification based on EU standard due to lower limits

| Physical Analysis by grade | | British Salt Specification (Not stipulated in BS998:1990) | | |
|----------------------------|--------------|---|-------------------|----------|
| All Grades | Appearance | White crystalline | White crystalline | Complies |
| Standard PDV | +1400µm | 0 | % Max | Retained |
| | +850µm | 08 | % Max | Retained |
| | +425µm | 56 | % Max | Retained |
| | +300µm | 91 | % Max | Retained |
| | Bulk Density | 1.22 to 1.32 | g cm-3 | - |
| Fine 50 | +300µm | 5.0 | % Max | Retained |
| | Bulk Density | 1.16 to 1.27 | g cm-3 | - |
| Fine 60 | +250µm | 5.0 | % Max | Retained |
| | Bulk Density | 1.16 to 1.23 | g cm-3 | - |
| Tanker Fine | +710µm | 4.5 | % Max | Retained |
| | +150µm | 95 | % Max | Retained |
| Tanker Coarse | +500µm | 85 | % Max | Retained |

CONTROLLED COPY