



Quality Certificate

Product data sheet SSC Road Salt - Grade F 0-5 mm

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|------------|--|
| Production | May 2025 |
| Batch No.: | EG-SSC-D-0525 |
| Appearance | White |
| Origin | Natural sources-Siwa Desert |
| Waste salt | Not used |
| Producer | SIWA SALT GROUP - SSC SAHARA SALT MINE |
| REACH no. | 01-2119485498-19-0000 |
| CAS no. | 7647-14-5 |
| PH Value | 8.5 (in 10% solution) |

Chemical Analysis

| | Typical | Limits | Method | |
|--------------------------|----------------------|---------|--------|-----------|
| • Moisture | 0.4-0.8 % | < 1.0 % | ASTM | E534/2003 |
| • NaCl | 98.5 % - 99 % | > 98 % | ASTM | E534/2003 |
| • Water insoluble matter | 0.2-0.5 % | < 1.0 % | ASTM | E534/2003 |
| • SO4- | < 1.0 % | < 3.0 % | ASTM | E534/2003 |
| • Ca2+ | < 0.4 % | < 0.5 % | ASTM | E534/2003 |
| • Mg2+ | < 0.1 % | < 0.1 % | ASTM | E534/2003 |
| • CaSo4 | <1.1 % | < 1.5 % | ASTM | E534/2003 |
| • MgCl2 | <0.08 % | < 0.1 % | ASTM | E534/2003 |
| • MgS04 | 0.2-0.4 % | < 0.5 % | ASTM | E534/2003 |
| • K | 0.15% | | | |
| • Fe2O3 | 0.03% | | | |

Granulometry

| | Typical | Limits | Methods |
|-------------|--------------|----------------|------------|
| • <6.3 mm | 100% | 100% | EN 16811-1 |
| • <5 mm | 99.3% | 98-100% | EN 16811-1 |
| • <3.15 mm | 88% | 90-100% | EN 16811-1 |
| • <1.6 mm | 60.2% | 30-80% | EN 16811-1 |
| • <0.8 mm | 30% | 10-40% | EN 16811-1 |
| • <0.125 mm | 3.7% | ≤5% | EN 16811-1 |

Heavy Metals Analysis:

| Element | Measured Value (mg/kg) | Limit (mg/kg) |
|---------------|------------------------|---------------|
| Al (Aluminum) | 5-10 | ≤50 |
| As (Arsenic) | <0.5 | ≤2.5 |
| Cd (Cadmium) | <0.2 | ≤2 |
| Co (Cobalt) | <0.5 | ≤2 |
| Cr (Chromium) | <1 | ≤5 |
| Cu (Copper) | <1 | ≤5 |
| Hg (Mercury) | <0.01 | ≤0.5 |
| Ni (Nickel) | <1 | ≤5 |
| Pb (Lead) | <0.5 | ≤5 |
| Zn (Zinc) | <5 | ≤20 |

Additives

- Anti-caking – agent Na₄Fe(CN)₆ 30-70 mg/kg EUSalt AS-004

Bulk density

- 1150 kg/m³



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