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| Cordenka GmbH & CO . KG.<br>Obernburg Calcination | <b>Specification</b><br><b>Sodium Sulphate, anhydrous</b> | Issue 8<br>Obernburg, 01.02.2018<br>Page 1 from 1 |
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| <b>Standard-Supply Specification</b><br><b>Sodium Sulphate, anhydrous</b> |
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CAS-No.: 7757-82-6

| Property                      | Unit              | Set Point            | Method                                 |
|-------------------------------|-------------------|----------------------|--|
| Appearance                    |                   | white, fine crystals |  |
| Sodium Sulphate               | % (m/m)           | min. 99,9            | Calculated                             |
| Chloride (Cl)                 | mg/kg             | max. 20              | SAA CL/004.01<br>(Ionenchromatografie) |
| Iron                          | mg/kg             | max. 10              | Photometric (RZ-K4)                    |
| Zinc                          | mg/kg             | max. 200             | AAS (RZ-K4)                            |
| Calcium                       | mg/kg             | max. 20              | AAS                                    |
| Magnesium                     | mg/kg             | max. 5               | AAS                                    |
| Water                         | % (m/m)           | max. 0,1             | Gravimetric (RF-NS)                    |
| Bulk Density                  | g/cm <sup>3</sup> | 1,2-1,5              | DIN/ISO 697                            |
| pH-Value<br>(10% Solution)    |                   | 4,0-6,0              | Potentiometric (RZ-K3)                 |
| Particle Size<br>Distribution |                   |                      | Sieveanalysis (RZ-K5)                  |
| > 0,3 mm                      | % (m/m)           | max. 30              |  |
| 0,2-0,3 mm                    | % (m/m)           | approx. 35           |  |
| 0,1-0,2 mm                    | % (m/m)           | approx. 40           |  |
| 0,06-0,1 mm                   | % (m/m)           | approx. 10           |  |
| < 0,06 mm                     | % (m/m)           | approx. 10           |  |

“Cordenka Sodium Sulphate is designed and produced for applications in the glass, cement, coatings, chemical and detergent industry, and is sold for use in such applications.

Cordenka Sodium Sulphate is safe to use as an additive for certain food, in accordance with all applicable regulations for food as well as feedstuff. In addition, it may be used in the manufacture of pharmaceutical products in accordance with all applicable provisions.

Cordenka Sodium Sulphate is NOT produced under GMP conditions.

The customer assumes sole responsibility for the use of products purchased for used in these sectors. Exceptions shall be governed by separate product specifications and individual agreements.”

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| <b>Valid From:</b> 01.02.2018 |              |              |
| produced by:<br>              | checked:<br> | checked:<br> |