

SORBITOL**TECHNICAL SPECIFICATIONS**

No: 00123/05/2023

PRODUCT NAME : SORBITOL**CAS:** 50 – 70 – 4**EC:** 200-061-5**REACH:** Registration number for this substance does not exist or its use is exempted from registration, annual tonnage without registration or registration at a later date**CHEMICAL FORMULA:** C₆H₁₄O₆**PACKAGING:** Big Bag 500 kg

| Parameter | Unit | Limit |
|--|-----------|--------------|
| Content based on the anhydrous substance | [%] | 97,0 – 100,5 |
| Reducing sugars as Glucose | [%] | ≤ 0,11 |
| Reducing sugars after hydrolysis Glucose | [%] | ≤ 0,5 |
| The sum of all impurities | [%] | ≤ 3,0 |
| The greatest pollution | [%] | ≤ 2,0 |
| Loss on drying | [%] | ≤ 2,0 |
| Sulfate ash | [%] | ≤ 0,02 |
| Sulfate | [%] | ≤ 0,006 |
| Chloride | [%] | ≤ 0,002 |
| Water | [%] | ≤ 1,5 |
| Heavy Metals (as Lead) | [ppm] | ≤ 5 |
| Arsenic | [ppm] | ≤ 1,0 |
| Nickel | [ppm] | ≤ 1,0 |
| Ruthenium | [ppm] | ≤ 1,0 |
| Lead | [ppm] | ≤ 0,5 |
| Conductivity (at 25°C and 20% water) | [μS/cm] | ≤ 20 |
| pH (at 10% water) | - | 3,5 – 7,0 |

| Parameter | Unit | Limit |
|---|-------|---------------------------------------|
| Granulation (>53 μm (270 mesh)) | [%] | ≤ 5 |
| Granulation (>500 μm (35 mesh)) | [%] | ≤ 5 |
| Solvent residues | - | Excluded by the manufacturing process |
| Special rotation $a_{20/D}$, 10% borate complex, on an anhydrous basis | - | +4.0 - + 7.0 |

The certificate was made on the basis of the supplier's certificate. The data contained in this certificate were prepared on the basis of certificates and quality standards of suppliers or manufacturers and on the basis of tests in the factory laboratory.

Prepared by

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An electronic document does not require a seal or signature.