

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

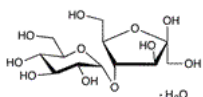
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



| | |
|--------------------------|--|
| Catalogue Number | 32179 |
| Product | Maltulose monohydrate 4-O- α -D-Glucopyranosyl-D-fructose |
| CAS Number | 17606-72-3 (anhydrous), 207511-09-9 (monohydrate) |
| Molecular Formula | C ₁₂ H ₂₂ O ₁₁ •H ₂ O |
| Molecular Weight | 360.32 |

| | |
|------------------------------------|---|
| Appearance | White crystalline powder |
| Solubility | Clear, colorless solution (5% in water) |
| Water Content (Karl Fisher) | ≤ 6% |
| Optical Rotation | [α] ²⁰ _D = 52 - 58 ° (C=5 in water, 1 h) |
| Infrared Spectrum | Conforms to structure |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0 - 8 °C |

For Laboratory Use Only