

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

Certificate of Analysis

| | |
|------------------------------------|--|
| Catalogue Number | 21656 |
| Product | Methyl β-D-glucopyranoside |
| Lot Number | 002255-20160525 Methyl- β -D-glucoside 1-O-Me- β -D-glc |
| CAS Number | 709-50-2 |
| Molecular Formula | C ₇ H ₁₄ O ₆ |
| Molecular Weight | 194.18 |
| Appearance | White powder |
| Solubility | Colorless solution (10% in Water) |
| Turbidity | 1.6 NTU |
| Elemental Analysis (Found) | C = 43.0-43.6%; H = 6.97-7.57% |
| Water Content (Karl Fisher) | 0.9% |
| Optical Rotation | [α] _D ²⁰ = -34.2° (C=1 in H ₂ O) |
| Infrared Spectrum | Conforms to structure |
| Assay | 99.6% |
| Purity by TLC | Conforms to reference |
| Storage | Store at 0-8 °C |

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager