

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	01571
Lot Number	000156-3123-1
Product	4-Methylumbelliferyl-N-acetyl-β-D-galactosaminide 4-Methylumbelliferyl-2-acetamido-2-deoxy- β -O-galactopyranoside
CAS Number	36476-29-6
Molecular Formula	C ₁₈ H ₂₁ NO ₈
Molecular Weight	379.4

Appearance	Slightly off-white powder
Solubility	Almost colorless solution (1% in DMF)
Turbidity	1.7 NTU (1% in DMF)
Water Content (Karl Fisher)	0.4%
Optical Rotation	[α] _D = -47° (C=0.3 in Pyridine)
Infrared Spectrum	Conforms to structure
Related Substances	Free 4-MU: < 50 mg/Kg
Purity by HPLC	99.8%
Storage	Store at 0-8 °C
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