

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21691
Lot Number	001684-051614-21691
Product	4-Methylumbelliferyl-β-D-xylopyranoside 4-Methylumbelliferyl β -D-xyloside
CAS Number	6734-33-4
Molecular Formula	C ₁₅ H ₁₆ O ₇
Molecular Weight	308.28

Appearance	White crystal powder
Solubility	Soluble in hot water, insoluble in ether
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	0.2%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Related Substances	Total impurity: < 2% Any other impurity: < 0.5% 4-Methylumbelliferone: < 0.1%
Residue On Ignition	0.1%
¹H NMR	Conforms to structure
Purity by HPLC	98.3%
Purity by TLC	98%
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