

# Chem-Impex International, Inc.

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**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

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## Certificate of Analysis

<b>Catalogue Number</b>	30693
<b>Lot Number</b>	001989-17-143
<b>Product</b>	<b>4-Methylumbelliferyl <math>\alpha</math>-L-idopyranosiduronic</b>
<b>CAS Number</b>	1045020-74-3
<b>Molecular Formula</b>	$C_{16}H_{14}O_{12}SN_{a2}$
<b>Molecular Weight</b>	476.32

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<b>Appearance</b>	White solid powder
<b>Analysis by Mass Spectra</b>	[M-2Na+3H] <sup>+</sup> : 433.1 [M-2Na+2H+NH <sub>4</sub> ] <sup>+</sup> : 450.2 [M-2Na+3H+ACN] <sup>+</sup> : 474.2
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98%
<b>Storage</b>	Store at $\leq -15$ °C
<b>Remarks</b>	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