

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30791
<b>Product</b>	<b>2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-galactopyranose</b>
<b>Lot Number</b>	002804-170906 D-Galactosamine pentaacetate
<b>CAS Number</b>	76375-60-5
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>23</sub> NO <sub>10</sub>
<b>Molecular Weight</b>	389.35

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<b>Appearance</b>	White crystal powder
<b>Solubility</b>	Clear and colorless (1% in CH <sub>2</sub> Cl <sub>2</sub> )
<b>Heavy Metals</b>	< 10 ppm
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 117.2 °(C=1, in CH <sub>2</sub> Cl <sub>2</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.16%
<b>Residue On Ignition</b>	0.051%
<b>Purity by HPLC</b>	98.87%
<b>Purity by TLC</b>	One spot
<b>Storage</b>	Store under -20 °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