

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	28217
Lot Number	001684-20130518
Product	1-Azido-1-deoxy-β-D-glucopyranoside tetraacetate
CAS Number	13992-25-1
Molecular Formula	C ₁₄ H ₁₉ N ₃ O ₉
Molecular Weight	373.32

Appearance	White crystal powder
Solubility	Easily soluble in Chloroform and insoluble in water.
Melting Point	122-125 °C
Heavy Metals	< 20 ppm
Optical Rotation	[α] _D ²⁴ = -29.5° (C=1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.1%
Related Substances	Impurity: < 0.5%
Purity by HPLC	99.4%
Purity by TLC	> 99%
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