

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	30792
Lot Number	001875-160822
Product	3-Deoxy-D-glycero-D-galacto-2-nonulosonic acid 2-Keto-3-deoxy-D-glycero-D-galactonononic acid KDN
CAS Number	112543-66-5, 153666-19-4
Molecular Formula	C ₉ H ₁₆ O ₉
Molecular Weight	268.22

Appearance	White powder
Solubility	Clear and colorless (10% in water)
Melting Point	155.2-156.1 °C
Heavy Metals	≤ 10 ppm
TLC System	One spot
Optical Rotation	-50 °(C=1 in water)
Infrared Spectrum	Conforms to standard
Loss on Drying	0.42%
Residue On Ignition	0.02%
Purity by HPLC	98.5%
Storage	Store under -20 °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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager