

Chem-Impex International, Inc.

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

Certificate of Analysis

Catalogue Number	38852
Lot Number	002008-20210829004
Product	2-Deoxy-D-ribose 2-Deoxy-D-arabinose 2-Deoxy-D-erythro-pentose
CAS Number	533-67-5
Molecular Formula	C ₅ H ₁₀ O ₄
Molecular Weight	134.13

Appearance	White to off-white crystalline powder
Color (APHA)	< 100
Solubility	Complete and clear solution (5% aqueous solution)
Heavy Metals	< 10 ppm
Water Content (Karl Fisher)	0.26%
pH	7.37
Optical Rotation	[α] _D ²⁰ = -56.93 °
Infrared Spectrum	Conforms to structure
Loss on Drying	0.2%
Related Substances	Total impurity : 0.56%
Residue On Ignition	0.15% (600 °C)
Assay by titration	99.5%
Purity by HPLC	99.44%
Storage	Store at 0 - 8 °C
Country of Origin	China

Certificate of Analysis

Catalog Number: 38852

Lot Number: 002008-20210829004

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