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 Product	37507 D-(-)-Ouinic acid
Lot Number	000933-4
	1,3,4,5-Tetrahydroxycyclohexanecarboxylic acid
CAS Number	77-95-2
Molecular Formula	$C_7H_{12}O_6$
Molecular Weight	192.17
Appearance	White powder
Appearance Optical Rotation	White powder $[a]_D^{20} = -44.1 \circ (C=10 \text{ in } H_2O)$
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Optical Rotation	$[a]_D^{20} = -44.1 \circ (C=10 \text{ in } H_2O)$
Optical Rotation Assay by titration	$[a]_D^{20} = -44.1 \circ (C=10 \text{ in } H_2O)$ 98.1%

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

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Bala Kumar Quality Control Manager