

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	32389
<b>Product</b>	<b>L-Threitol</b>
	(2 <i>S</i> ,3 <i>S</i> )-1,2,3,4-Butanetetrol
	L-1,2,3,4-Butanetetrol
<b>CAS Number</b>	2319-57-5
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>
<b>Molecular Weight</b>	122.12

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	$[\alpha]_{\text{D}}^{20} = + 14 \pm 1^{\circ}$ (C=2 in ethanol)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 99%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**