

# Chem-Impex International, Inc.

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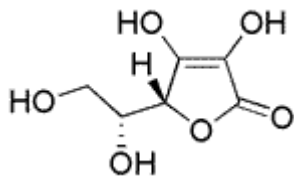
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00544
<b>Product</b>	<b>D-(-)-Isoascorbic acid</b>
	D-Araboascorbic acid
	D-erythro-Hex-2-enoic acid $\gamma$ -lactone
<b>CAS Number</b>	89-65-6
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
<b>Molecular Weight</b>	176.12

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<b>Appearance</b>	White crystalline powder
<b>Appearance of Solution</b>	Colorless solution
<b>Solubility (Turbidity)</b>	Clear solution (50 mg/ml in water)
<b>Optical Rotation</b>	$[\alpha]_D^{25} = -15.3$ to $-18.3^\circ$ (C=2 in water)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	97 - 102 %
<b>Purity by GC</b>	$\geq 97\%$
<b>Storage</b>	Store at RT

**For Laboratory Use Only**