

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	33818
<b>Lot Number</b>	002344-5406
<b>Product</b>	<b>L-Ascorbic acid</b> L-Threoascorbic acid
<b>CAS Number</b>	50-81-7
<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 or almost white crystals or crystalline powder
<b>Odor</b>	Characteristic odor
<b>Melting Point</b>	191 °C
<b>Flash Point</b>	> 93 °C
<b>Mould and Yeast</b>	< 100 cfu/g
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 20.8 °
<b>Loss on Drying</b>	0.1%
<b>E. Coli, Salmonella, S.Aureus</b>	Negative
<b>Microbial Count</b>	Passes test
<b>Residue On Ignition</b>	0.1%
<b>Grade</b>	FG
<b>Storage</b>	Store at 0 - 8 °C
<b>Remarks</b>	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