

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	00083
Product	Cycloheximide (from <i>Streptomyces griseus</i>)
Lot Number	001777-210202
	3-[2-(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]glutarimide
CAS Number	66-81-9
Molecular Formula	C ₁₅ H ₂₃ NO ₄
Molecular Weight	281.35

Appearance	White crystalline powder
Solubility	Soluble in chloroform, ether, acetone, methanol, ethanol, other common organics solvents except saturated hydrocarbons.
Melting Point	116.3 - 117.2 °C
Water Content (Karl Fisher)	0.04%
Optical Rotation	[α] _D ²⁰ = -27.3 °
Related Substances	Total impurities : 1%
Residue On Ignition	0.002%
Potency (Anhydrous Basis)	1014 ug/mg
Purity by HPLC	98.1% (Dry basis)
Storage	Store at 0 - 8 °C
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