

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

Catalog Number	00349
Product Name	DL-Glutamic acid monohydrate
Lot Number	QPG0174
CAS Registry Number	19285-83-7
Molecular Formula	C ₅ H ₉ NO ₄ ·H ₂ O
Molecular Weight	165.15
Assay	100.2%
Solubility in 3N HCl	Colorless & clear (c=5)
Loss on Drying	10.98%
Residue on Ignition (as sulfate)	0.03%
Chloride (Cl)	<0.02%
Sulfate (SO₄)	<0.05%
Iron (Fe)	<10ppm
Heavy Metals (as Pb)	<10ppm
Arsenic (As)	<1ppm
Ammonium (NH₄)	<0.02%
Other Amino Acids	Not detected by TLC (The spotted amount, 20µg)
Remarks	See material safety data sheets for additional information. For laboratory use only.

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



Sashi Kumar
Quality Control Manager