



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## Certificate of Analysis

Catalog Number	BIO-231
Product Name	$\alpha$ -Ketoglutaric acid disodium salt dihydrate
Lot Number	2250360301
CAS Registry Number	305-72-6
Molecular Formula	$C_5H_4Na_2O_5 \cdot 2H_2O$
Molecular Weight	226.13
Appearance	White crystalline powder
Odor	Practically odorless
Transmittance	93.3% (50%, H <sub>2</sub> O)
Assay by TLC	Other amino acids < 0.5%
Chloride	300 ppm max
Sulfate	200 ppm max
Ammonium	200 ppm max
Heavy Metals (As Pb)	10 ppm max
Iron	30 ppm max
Loss on Drying	15.8%
Water Content (Karl Fischer)	0.0%
Assay	99.5%

Prepared by:

*Ramesh Mandadi*

Ramesh Mandadi

Director of Operations

Reviewed and approved by:

*Sujata Moton*

S. Moton

VP