



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

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number	BIO-231
Lot Number	002518-40-20190701
Product	α-Ketoglutaric acid disodium salt dihydrate 2-Oxoglutaric acid disodium salt dihydrate
CAS Number	305-72-6, 1282616-74-3
Molecular Formula	$C_5H_4Na_2O_5 \cdot 2H_2O$
Molecular Weight	226.13

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl ⁻) : < 300 ppm Sulfate (SO ₄ ²⁻) : < 200 ppm
Cation	Ammonium (NH ₄) : < 200 ppm Iron (Fe ³) : < 30 ppm Arsenic (As) : < 1 ppm Lead (Pb) : < 3% Cadmium (Cd) : < 1% Mercury (Hg) : < 0.1%
Yeast and Mold	< 100 cfu/g
Transmission	97.6%
Loss on Drying	16.1%
Coliform Organisms	< 10 cfu/g
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 1000 cfu/g (TPC)
Assay by titration	99%
Storage	Store at RT

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP