



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-1880
Lot Number 002436-20171202
Product **α -Ketoglutaric acid**

2-Oxoglutaric acid

CAS Number 328-50-7
Molecular Formula $C_5H_6O_5$
Molecular Weight 146.1

Appearance White crystalline powder
Melting Point 114-116 °C
Heavy Metals < 10 ppm (as Pb)
Anion Chloride (Cl⁻): < 200 ppm
Sulfate (SO₄²⁻): < 200 ppm
Cation Ammonium (NH₄⁺): < 200 ppm
Iron (Fe): < 30 ppm
Arsenic (As): < 3 ppm
Transmission 98.3% (10% in H₂O)
Loss on Drying 0.22%
Residue On Ignition 0.10%
Assay 99.62%
Storage Store at RT

Prepared by:
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