

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 00196 |
| Lot Number | 002518-40-20180502 |
| Product | α-Ketoglutaric acid disodium salt dihydrate Disodium α -ketoglutarate dihydrate |
| CAS Number | 305-72-6, 1282616-74-3 |
| Molecular Formula | C ₅ H ₄ Na ₂ O ₅ •2H ₂ O |
| 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): < 1.0 ppm Lead(Pb): < 1.0 ppm Cadmium(Cd): < 1.0 ppm Mercury(Hg): < 0.1 ppm |
| Yeast and Mold | < 100 cfu/g |
| Transmission | 97.6% |
| Loss on Drying | 16.3% |
| Coliform Organisms | < 10 cfu/g |
| E. Coli, Salmonella, S.Aureus | Negative |
| Microbial Count | < 1000 cfu/g (Total plate count) |
| Assay | 99.2% |
| Storage | Store at RT |

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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