

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

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TECHNICAL DATA SHEETS

1. Product name:
2-Ketoglutaric acid
2. Chemical Name:
2-Oxoglutarate;
2-Oxoglutaric acid;
alpha-Oxoglutarate;
alpha-Ketoglutarate;
alpha-Oxoglutaric acid;
alpha-Ketoglutaric acid;
2-Oxopentanedioic acid
3. CAS No.:328-50-7
4. MF:C₅H₆O₅
5. MW:146.1
6. Technical specifications

Item	Specifications	Results
Appearance	White crystalline powder	Conforms
Assay	99~101%	99.5%
Transmittance	≥98%	98.2%
Loss on drying	≤0.5%	0.26%
Residue on ignition	≤0.1%	0.03%
Conclusion	The results conforms with enterprise standards	

7. Usage

2-Ketoglutaric acid is mainly used as a raw material for medicines and health care products and food additives, and can be used as a sports nutrition drink.

2-Ketoglutaric acid is also used as an analytical reagent for tryptophan, a substrate for measuring aminotransferase and dehydrogenase, and a reagent for measuring liver function. 2-Ketoglutaric acid is also used as an intermediate in organic synthesis.

8. Package

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25kg/drum