

# 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