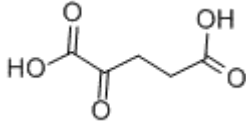


Technical Data Sheet

Basic information

Chemical name	2-Ketoglutaric acid	Formula	C5H6O5
Synonyms	Alpha-Ketoglutaric acid; α -Ketoglutaric acid	Chemical structure	
CAS.No.	328-50-7		
EINECS No.	206-330-3		
Molecular weight	146.1		

Physical properties

Appearance	White or almost white crystals or crystalline powder
Melting point, °C	112-11
FEMA	3891
Solubility	Soluble in water, alcohol, extremely difficult to soluble in ether, long storage become yellow light gray, easy deliquescence.

Specification

Items	Specification
Appearance	White or almost white crystals or crystalline powder
Assay	$\geq 99.00\%$
Transmittance	$\geq 97.0\%$
Loss on drying	$\leq 1.00\%$
Residue on ignition	$\leq 0.20\%$
Heavy metals	$\leq 10\text{ppm}$
Arsenic	$\leq 3\text{ppm}$

Application

- 1) 2-Ketoglutaric acid is mainly as a sports nutrition beverage supplement.
- 2) Reduce the loss of postoperative patients and long-term the patient's body.
- 3) Used for the analysis of the tryptophan reagent; The determination of the amino converting enzyme and substrate dehydrogenase; Determination of liver function of auxiliary reage.
- 4) Used as organic intermediates.

Package

25kg per fiber drum or as per customer's requirements



Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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