

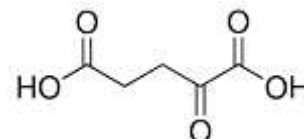


# Product Specification

cdhfinechemical.com

## $\alpha$ -KETO GLUTARIC ACID

PRODUCT CODE	131305
SYNONYMS	2-Oxoglutaric Acid
C.I. NO.	--
CASR NO.	(328-50-7)
ATOMIC OR MOLECULAR FORMULA	$C_5H_6O_5$
ATOMIC OR MOLECULAR WEIGHT	146.10
PROPERTIES	Important in amino acids metabolism.



PARAMETER	LIMIT
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Description	White to pale yellow crystals or crystalline powder.
Solubility	1 gm in 10 ml water is clear.
Minimum Assay (Acidimetric )	99.0%
Melting point	112 – 115°C

### MAXIMUM LIMIT OF IMPURITY

Ash	0.05%
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Note(s) : Assay (if applicable) method mentioned.

#### DANGER

**Hazard statements:** Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates.

#### Precautionary statements

**Prevention:** Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code: --

UN No. : --

IATA : --

Disposal:---

Hazard Pictogram(s) :--



GHS05

Replace Date 5-Aug-2025