



α-KETO GLUTARIC ACID	
<b>PRODUCT CODE</b>	<b>R05021</b>
<b>SYNONYMS</b>	<b>2-Oxoglutaric Acid</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(328-50-7)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>5</sub>H<sub>6</sub>O<sub>5</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>146.10</b>
<b>PROPERTIES</b>	<b>Important in amino acids metabolism.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to yellowish white crystalline powder.
Solubility	1 gm in 10 ml water is clear.
Minimum Assay(Acidimetric )	99.0%
Melting point	112 – 115°C
<b>MAXIMUM LIMIT OF IMPURITY</b>	
Ash	0.05%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>Hazard statements:</b> Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates. <b>Precautionary statements</b> <b>Prevention:</b> 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. <b>Response:</b> 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 :--
<b>Disposal:---</b>	
Hazard Pictogram(s) :--	
 <b>GHS05</b>	

Replace Date 1 April 2023