

1120 - α -KETOGLUTARIC ACID

REF NO: TBL/QA/SS/LC/1120	STANDARD SPECIFICATION FOR α-KETOGLUTARIC ACID	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 1120

PRODUCT PROPERTIES

C.A.S Number	328-50-7
Chemical Formula	$C_5H_6O_5$
Formula weight	146.10
Functional Uses	A TCA (Krebs cycle) molecule used as a supplement in insect and mammalian cell culture.
Standard Packaging	25 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to yellowish crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Ash	NMT – 0.05%
Melting point	114 – 116°C
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

