

**$\alpha$ -Ketoglutaric free acid**

**Product Code:** 25102

**CAS:** 328-50-7

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**SKU:** 25102

**Category:** [Substrates](#)

**PRODUCT DESCRIPTION**

**SPECIFICATIONS**

**CAS:** 328-50-7

Form:	White crystalline powder
Molecular weight :	146.10
Molecular formula:	$C_5H_6O_5$
Assay:	> 98 %
Transmittance:	> 95 % (10%, H <sub>2</sub> O)
Loss on drying:	< 1 %
Chlorides:	< 200 ppm
Ammonium:	< 200 ppm

Heavy metals (Pb):	< 10 ppm
Iron:	< 30 ppm
Sulfates:	< 200 ppm
Melting point:	105 - 118 °C
Residue on ignition:	< 0.2 %
Storage:	Room temperature
Stability:	At least 2 years at R.T.