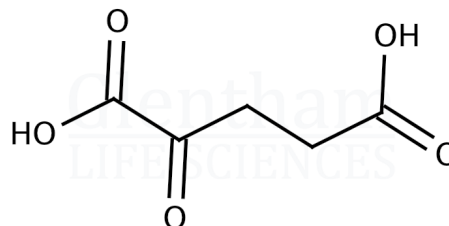


Product Specification

Product Name	2-Ketoglutaric acid
Glentham Code	GP9006
CAS Number	328-50-7
EINECS	206-330-3
MDL Number	MFCD00004165
PubChem SID	310275626
Additional CAS	305-72-6 ($\cdot 2\text{Na} \cdot 2\text{H}_2\text{O}$)
Additional CAS	22202-68-2 (mono Na)

Molecular Weight	146.10
Molecular Formula	$\text{C}_5\text{H}_6\text{O}_5$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white crystalline powder
Identification (IR)	Conforms to standard
Solubility (10% in water)	Clear to faintly turbid, colourless or almost colourless solution
Melting Point	110.0 - 117.0 °C
Heavy Metals (as Pb)	≤ 10ppm
Iron (Fe)	≤ 30ppm
Loss on Drying	≤ 1.0% (60°C, 1h)
Assay (Titration)	98.0 - 101.5 %

Specification Version	- v1.2
Date Created	- 2022-01-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025