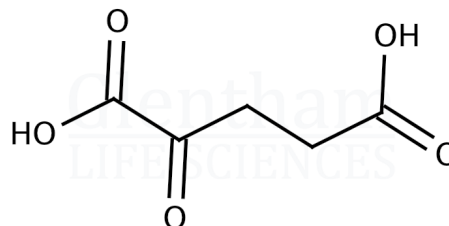


## Product Specification

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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