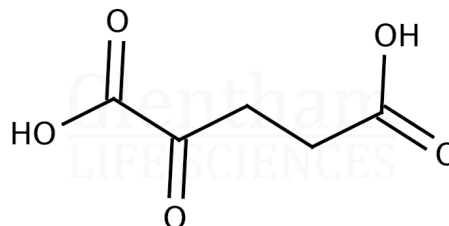


Product Specification

Product Name	2-Ketoglutaric acid
Glenthams Code	GP9006
CAS Number	328-50-7
EINECS	206-330-3
MDL-Nummer	MFCD00004165
PubChem SID	310275626
Zusätzliche CAS	305-72-6 ($\cdot 2\text{Na} \cdot 2\text{H}_2\text{O}$)
Zusätzliche 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)	$\leq 10\text{ppm}$
Iron (Fe)	$\leq 30\text{ppm}$
Loss on Drying	$\leq 1.0\%$ (60°C, 1h)
Assay (Titration)	98.0 - 101.5 %

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

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

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