


Specification

α -Ketoglutaric Acid *BioChemica*

A1138

Physical Description:	Solid
Product Code:	A1138
Product Name:	α -Ketoglutaric Acid <i>BioChemica</i>
Specifications:	<p>Assay (titr.): min. 99 %</p> <p>pH (1 %; H₂O; 20°C): 1.5 - 2.0</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Loss on drying: max. 1 %</p> <p>A (1 cm/1 % in H₂O)</p> <p>430 nm: max. 0.2</p>
Hazard pictograms	
WGK:	1
Storage:	2-8°C
Signal Word:	Danger
GHS Symbols:	GHS05
H Phrases:	H318
P Phrases:	<p>P280</p> <p>P305+P351+P338</p> <p>P310</p>
Molecular Formula:	C ₅ H ₆ O ₅
M:	146.10 g/mol
CAS:	328-50-7

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Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode
 DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

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EINECS:	206-330-3
CS:	29183000
Bibliography <p>(1)Anderson, N. & Clydesdale, F. (1978) <i>J. Food Sci.</i> 43, 1595-1597 Analysis of Tryptophan utilizing its reaction with α-Ketoglutaric acid. (2)Rej, R. & Horder, M. (1983) <i>Methods Enzym. Anal.</i> 3, 416-433 Aspartate Aminotransferase\; Methods and analysis.</p>	

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 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340