



## CERTIFICATE OF ANALYSIS

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Product	a-Ketoglutaric acid, disodium salt dihydrate
Grade	Reagent
Product Code	KD0289
Formula	$C_5H_4O_5Na_2 \cdot 2H_2O$
MW	226.09
CAS#	305-72-6
Lot No	

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Test Items	Specifications	Results
Appearance	White crystalline powder	
Assay	≥98.5%	
Transmittance	≥85.0%	
Loss on Drying	≤17.0%	
Heavy Metals (as Pb)	≤10ppm	
Chloride (Cl)	≤300ppm	
Sulfate (SO <sub>4</sub> )	≤200ppm	
Ammonium (NH <sub>4</sub> )	≤200ppm	
Iron (Fe)	≤30ppm	
Arsenic (As)	≤1ppm	
Lead (Pb)	≤3ppm	
Cadmium (Cd)	≤1ppm	
Mercury (Hg)	≤0.1ppm	

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Storage: 2~8°C