



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-239159  
Lot Number: SAMPLE  
Product Name:  $\alpha$ -Ketoglutaric acid disodium salt dihydrate  
CAS Number: 305-72-6 (anhydrous)  
Molecular Formula:  $C_5H_4Na_2O_5 \cdot 2H_2O$   
Molecular Weight: 226.09

Test	Result
Appearance	White crystalline powder
Purity (Titration)	99.0%
Trace metal analysis	Iron (Fe): < 30 ppm
Transmittance	93.5%
Heavy Metals	< 10 ppm
Loss on Drying	15.86%
Related Substances	0.5% (TLC)
Ammonium	< 200 ppm
Chloride	< 300 ppm
Sulfate	< 200 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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