



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-233782  
Lot Number: SAMPLE  
Product Name:  $\alpha$ -Oxo-2-furanacetic acid  
CAS Number: 1467-70-5  
Molecular Formula:  $C_6H_4O_4$   
Molecular Weight: 140.09

Test	Specification	Result
Appearance	White to light beige powder	Faint beige powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 97.0 \%$	98.8%
Purity (Titration)	97.0 - 102.0 % (NaOH 0.1M)	99.6 %
Melting Point	92 - 97 °C	97 °C
Solution (Color)	Faint yellow to brownish-yellow (1g in 10 ml H <sub>2</sub> O)	brownish-yellow
Solution (Turbidity)	Clear (< 3.5 NTU (1g in 10 ml H <sub>2</sub> O)	Complies

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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