



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-493992  
Lot Number: SAMPLE  
Product Name: Ammonium succinate  
CAS Number: 15574-09-1  
Molecular Formula:  $C_4H_{12}N_2O_4$   
Molecular Weight: 152.15

Test	Specification	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Identification (1H-NMR)		Consistent with structure
Identification (LCMS)		Consistent with structure
Purity (HPLC)	$\geq 98\%$	99.9%
Melting Point	175 - 180 °C	Complies
pH	6.5 - 7.5	7.0
Loss on Drying	$\leq 1.0\%$	0.44%
Iron	$\leq 2$ ppm	Complies
Lead	$\leq 2$ ppm	Complies
Sulfate	$\leq 5$ ppm (SO4)	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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