



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-295549
Lot Number: SAMPLE
Product Name: N-(2,4-Dinitrophenyl)-L-alanine
CAS Number: 1655-52-3
Molecular Formula: $C_9H_9N_3O_6$
Molecular Weight: 255.2

Test	Specification	Result
Purity (HPLC)	$\geq 98.0\%$	99.6%
Purity (Neutralization Titration)	$\geq 98.0\%$	99.8%
Melting Point	177.0 - 181.0 °C	180.4 °C
Solution (Clarity)	Almost transparency in Methanol	Transparency
Specific Rotation ($\alpha_{20/D}$)	+140.0 - +147.0° (C = 0.5, 1 mol/L NaOH sol.)	+142.0°

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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