



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216103
Lot Number: SAMPLE
Product Name: Tricine
CAS Number: 5704-04-1
Molecular Formula: $C_6H_{13}NO_5$
Molecular Weight: 179.17

Test	Specification	Result
Appearance	White powder	Complies
Assay (Titration)	$\geq 99.0\%$ (Dried basis)	100.0%
pH	4.0 - 6.0 (1% in H ₂ O)	5.3
pKa	7.9 - 8.3 (25°C)	8.0
Solubility		0.1M in H ₂ O
A260	≤ 0.04 UV (0.1M in H ₂ O)	0.0006
A280	≤ 0.02 UV (0.1M in H ₂ O)	0.0001
Moisture	$\leq 1.0\%$ (LOD)	0.2%

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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