



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-208474B  
Lot Number: SAMPLE  
Product Name: Tryptone  
CAS Number: 91079-40-2  
Molecular Formula:  
Molecular Weight:

Test	Specification	Result
Appearance	Light tan, homogenous, free flowing powder	Complies
pH	6.5 - 7.5 (2%)	7.3
Solubility	Light amber, clear, complete	Complies
Moisture	≤ 5%	3.8%
ash	≤ 15%	5.9%
Nitrite	Negative	Complies
Nitrogen	Amino nitrogen: ≥ 4% Total: ≥ 10%	5.2% 12.7%
Reducing Sugars	Negative	Complies
Amino Acid Analysis		Ala: 2.8% Arg: 3.2% Asp: 6.7% Cys: 0.3% Glu: 18% Gly: 1.8% His: 2.4% Ile: 4.7% Leu: 7.7% Lys: 7.0% Met: 2.5% Phe: 4.1% Pro: 9.1% Ser: 5.1% Thr: 3.9%
Tryptophan	Trace positive to positive	Complies
Agar Formulation	Growth test	Satisfactory
Broth Formulation	Growth test	Satisfactory
Coliform	≤ 10 CFU/g	Negative

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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Mold/Yeast	≤ 100 CFU/g	< 100 CFU/g
Protease	Trace positive to positive	positive
Protein Content	Undigested protein: Negative	Complies
Salmonella	Negative/25g	Negative/25g
Total Plate Count	≤ 1000 CFU/g	560 CFU/g

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