

## Certificate of Analysis

Date of Testing: 2022-10-10 09:23:43  
 Date of Next Testing: 2026-10-09 09:23:43  
 Product Name: **Tryptone**  
 CAS Number: 91079-40-2  
 Specifications & Purity: reagent grade  
 Lot #: I2220615  
 SKU #: **T139519**  
**Analysis:** **110452**  
 Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Ash	0-15 (%)	11.90%
The total number of colonies	≤10000 (cfu/g)	10.00 cfu/g
PH(2% in Water)	6.5-7.5	7.38
Water by Karl Fischer	2-6 (%)	3.88%
Total nitrogen(N)(as dry basis)	≥12 (%)	13.10%
Amino nitrogen(as dry basis)	≥3 (%)	3.50%
Coliform (mpn / g)	0-0.3	0.20
NaCl	0-6 (%)	2.79%
(As)Arsenic	0-2 (ppm)	0.00 ppm
Lead(Pb)	0-2 (ppm)	0.00 ppm
Salmonella(/25g)	Undetected	Undetected
Shigella(/25g)	Undetected	Undetected
Appearance (T139519)	white to brown powder or pellet	white to brown powder or pellet
Solubility in H <sub>2</sub> O , Light Yellow Clear, No precipitation	pass	Pass
Staphylococcus aureus(/25g)	Undetected	Undetected



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager