



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Peptone, Bacteriological	
Product Code: CH012	Expiry Date : 06/01/2025
Lot Number: 00070117	Release Date: 06/01/2017
Analytical Report Number: QAD/AR-17/01-56	Page No : Page 1 of 2

TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
CAS No.	73049-73-7	73049-73-7	Complies
Chemical Name	Not Applicable	Not Applicable	Complies
Formula	Not Applicable	Not Applicable	Complies
Molecular weight	Not Applicable	Not Applicable	Complies
Appearance	Light yellow to brownish yellow colored, homogenous free flowing powder, having characteristic, but not putrescent odour.	Light yellow to brownish yellow colored, homogenous free flowing powder, having characteristic, but not putrescent odour.	Complies
Solubility	Freely soluble in distilled/purified water, insoluble in alcohol.	Freely soluble in distilled/purified water, insoluble in alcohol.	Complies
Clarity	2% w/v aqueous solution remains clear and neutral without haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes.	2% w/v aqueous solution remains clear and neutral without haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes.	Complies
Microbiological Characters:			
Total aerobic microbial count (cfu/gm)	<= 2000 CFU/gram	1200 CFU/gram	Complies
Total Yeast and mould count (cfu/gm)	<= 100 CFU/gram	60 CFU/gram	Complies
<i>E.coli species</i>	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
<i>Salmonella species</i>	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
<i>Pseudomonas aeruginosa</i>	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
<i>C.albicans</i>	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies

Rev. 00

10/12/2014

QAD/FR/01

**Micromaster Laboratories Pvt. Ltd.**  
Manufacture & Exporter

Culturing your needs in Microbiology...

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Clostridia	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
Production of Indole	Medium : 0.1% peptone in water. After inoculation with test culture and incubation for 24 hours at 35-37°C.		
	<i>Escherichia coli</i> ATCC 25922	Appearance of distinct pink to red color ring (Positive test).	Complies
	<i>Enterobacter aerogenes</i> ATCC 13048	No formation of pink to red colored ring (Negative test).	Complies
Packing & Storage	Packed in well closed containers	Packed in well closed containers	Complies

### Final Results: COMPLIES

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
TESTED BY (Divya Sasidharan) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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