



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Meat Extract Powder- 100gm	
Product Code: CH035	Expiry Date : 02/05/2025
Lot Number: 02930517	Release Date: 02/05/2017
Analytical Report Number: QAD/AR-17/05-505	Page No : Page 1 of 3

TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
CAS No.	68990-09-0	68990-09-0	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	1% w/v aqueous solution remains clear without haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes.	1% w/v aqueous solution remains clear without haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes.	Complies
pH	5.90 – 6.90, Reaction of 2.0% w/v aqueous solution at 25 °C	6.58	Complies
Microbiological Characters:			
Total aerobic microbial count (cfu/gm)	<= 2000 CFU/gram	1100 CFU/gram	Complies
Total Yeast and mould count (cfu/gm)	<= 100 CFU/gram	40 CFU/gram	Complies
<i>E. coli</i> species	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
<i>Salmonella</i> species	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

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

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TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
<i>C.albicans</i>	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
<i>Clostridia</i>	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.		
	Escherichia coli ATCC 25922	Appearance of distinct pink to red color ring (Positive test).	Complies
	Enterobacter aerogenes ATCC 13048	No formation of pink to red colored ring (Negative test).	Complies
Chemical Analysis			
Total Nitrogen		$\geq 11.50\%$	Complies
Amino Nitrogen		$\geq 3.20\%$	Complies
Sodium chloride		$\leq 6.00\%$	Complies
Loss on drying		$\leq 5.00\%$	Complies
Residue on ignition		$\leq 20.00\%$	Complies
Packing & Storage	Packed in well closed containers		Complies

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Final Results: **COMPLIES**

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

		
TESTED BY (Daniya Kazi) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Tejal Shinde) HEAD QUALITY ASSURANCE

End Of The Report

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