



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Bile Salt	
Product Code: CH003	Expiry Date : 05/04/2025
Lot Number: 02100417	Release Date: 05/04/2017
Analytical Report Number: QAD/AR-17/04-370	Page No : Page 1 of 2

TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
CAS No.	12772-35-9	12772-35-9	Complies
Appearance	Yellow to greenish yellow colored, homogenous free flowing powder, having characteristic bile like odour.	Yellow to greenish yellow colored, homogenous free flowing powder, having characteristic bile like odour.	Complies
Solubility	Freely soluble in distilled/purified water.	Freely soluble in distilled/purified water.	Complies
Clarity	1% w/v aqueous solution is clear and free from extraneous matter, after autoclaving at 15 lbs pressure (121°C) for 15 minutes.	1% w/v aqueous solution is clear and free from extraneous matter, 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</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
<i>C.albicans</i>	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
Clostridia	Negative in 10 gms of sample	Negative in 10 gms of sample	Complies
Reaction	pH : 6.50 – 7.50, Reaction of 1.0% w/v aqueous solution at 25 °C	pH : 6.90 Reaction of 1.0% w/v aqueous solution at 25 °C	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
Chemical Analysis			
Bile Acids (as cholic acid)	$\geq 45.00\%$	45.29%	Complies
Sodium chloride	$\leq 5.50\%$	5.12%	Complies
Loss on drying	$\leq 5.50\%$	4.98%	Complies
Residue on ignition	$\leq 20.00\%$	19.84%	Complies
Water (H ₂ O)	$\leq 2.00\%$	1.97%	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 (Daniya Kazi) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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