# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

| | |
|---|---|
| **Product Name: Casein Peptone** | |
| **Product Code: CH071** | **Expiry Date : 04/10/2025** |
| **Lot Number: 06951017** | **Release Date: 04/10/2017** |
| **Analytical Report Number: QAD/AR-17/10-1089** | **Page No : Page 1 of 2** |

| TESTS CONDUCTED | SPECIFICATIONS | OBSERVATIONS | REMARKS |
|---|---|---|---|
| CAS No. | 73049-73-7 | 73049-73-7 | Complies. |
| Appearance | Off white to light yellow coloured, homogenous free flowing powder, having characteristic, but not putrescent odour. | Off white to light yellow coloured, homogenous free flowing powder, having characteristic, but not putrescent odour. | Complies. |
| Solubility | Freely soluble in distilled/purified water, insoluble in alcohol and ether. | Freely soluble in distilled/purified water, insoluble in alcohol and ether. | 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. |
| Microbiological Characters: | | | |
| Total aerobic microbial count (cfu/gm) | <= 2000 CFU/gram | 900 CFU/gram | Complies. |
| Total Yeast and mould count (cfu/gm) | <= 100 CFU/gram | 10 CFU/gram | Complies. |
| *E.coli* species | Negative in 10gms of sample | Negative in 10gms of sample | Complies. |
| *Salmonella* species | Negative in 10gms of sample | Negative in 10gms of sample | Complies. |
| *Pseudomonas aeruginosa* | Negative in 10gms of sample | Negative in 10gms of sample | Complies. |
| *C.albicans* | Negative in 10gms of sample | Negative in 10gms of sample | Complies. |
| *Clostridia* | Negative in 10gms of sample | Negative in 10gms 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. | | |



**Micromaster Laboratories Pvt. Ltd**

Manufacturer & Exporter

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| | | | |
|---|---|---|---|
| | *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. |
| 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**<br>**(Madhura Kadam)**<br>**MICROBIOLOGIST** | **CHECKED BY**<br>**(Tejal Shinde)**<br>**HEAD MICROBIOLOGY** | **APPROVED BY**<br>**(Rupali Sabale)**<br>**HEAD QUALITY ASSURANCE** |

**End Of The Report**



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