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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : Lipase for microbiology  
**Batch No.** : 225139  
**Date of Mfg** : Nov 2021  
**Date of Exp.** : Oct 2024  
**Register No.** : 2021-22  
**Qty of Sample** : 100gm  
**Date of Analysis** : Nov 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Off white to light brown powder, Hygroscopic
2.	Assay	1580 FCCIP	NLT 1500 FCCIP
3.	Optimum pH	Complies	6.5
4.	Inactivation pH	Complies	< 3.0 & > 8.0
5.	Loss of drying (at 60 °C, 4 h and 0.7 kPa)	3.52%	< 10%
6.	Total viable aerobic count	Complies	< 2000/gram
7.	Total combined yeast/moulds count (TYMC)	Complies	< 100/gram
8.	Bile-tolerant gram-negative bacteria	Complies	< 100/gram
9.	E.coli:	Complies	Absent/gram
10.	Salmonella Spp:	Complies	Absent/10 gram
11.	Staphylococcus aureus:	Complies	Absent/ gram

Chief Chemist