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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Lipase for microbiology**  
**Batch No.** : **227851**  
**Date of Mfg.** : **Aug 2024**  
**Date of Exp.** : **July 2027**  
**Register No.** : **2024-25**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **Aug 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Off white to light brown powder, Hygroscopic
2.	Assay	1654 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)	3.15%	< 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**