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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Bromocresol Purple pH Indicator**  
**Batch No.** : **227758**  
**Date of Mfg.** : **July 2024**  
**Date of Exp.** : **June 2029**  
**Register No.** : **2024-25**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **July 2024**

S.No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Light Pink to Buff Colored powder
2.	Transition range pH 5.2 pH 6.8	Passes Passes	Greenish Yellow Bluish violet
3.	Solubility (0.1% Ethanol)	Passes	Clear Golden Yellow Solution
4.	Abosrptivity 1%/1cm (pH 5.2) at $\lambda$ max. 431.4 nm (pH 6.8) at $\lambda$ max. 589.2 nm	442 1076	400 - 450 1000 - 1100
5.	Loss on drying at 110°C (1hr)	0.70%	<1%

**Chief Chemist**