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CERTIFICATE OF ANALYSIS

Name of the Sample : **Bromocresol Purple pH Indicator**
Batch No. : **227100**
Date of Mfg. : **Oct 2023**
Date of Exp. : **Sep 2028**
Register No. : **2023-24**
Qty of Sample : **100gm**
Date of Analysis : **Oct 2023**

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 λ max. 431.4 nm (pH 6.8) at λ max. 589.2 nm	440 1075	400 - 450 1000 - 1100
5.	Loss on drying at 110°C (1hr)	0.68%	<1%

Chief Chemist