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### CERTIFICATE OF ANALYSIS

Name of the Sample : **Bromocresol Purple**  
Batch No. : **225331**  
Date of Mfg. : **Feb 2022**  
Date of Exp. : **Jan 2027**  
Register No. : **2022-23**  
Qty of Sample : **100gm**  
Date of Analysis : **Feb 2022**

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. 589.0 nm	447 1086	400 - 450 1000 - 1100
5.	Loss on drying at 110°C (1hr)	0.74%	<1%

**Chief Chemist**