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CERTIFICATE OF ANALYSIS

Name of the Sample : Bromophenol Blue pH Indicator
Batch No. : 224554
Date of Mfg : March 2021
Date of Exp : Feb 2026
Register No. : 2021-22
Qty of Sample : 100gm
Date of Analysis : March 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Light Pink Powder
2.	Absorptivity 1%, 1cm, (pH 3.1) at λ max.437.2 nm (pH 4.6) at λ max.591.6 nm	378 982	350 - 385 940 - 1000
3.	Loss on drying at 110°C (1hr)	0.85%	< 1%
4.	Transition Range (pH : 3.1) (pH : 4.6)	Passes Passes	Greenish yellow Blue violet
5.	Transition according to ACS	Passes	To Pass test

Chief Chemist