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### CERTIFICATE OF ANALYSIS

Name of the Sample : Bromocresol Green AR/ACS  
Batch No. : 224497  
Date of Mfg : Feb 2021  
Date of Exp : Jan 2026  
Register No. : 2021-22  
Qty of Sample : 100 gm  
Date of Analysis : Feb 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Creamish yellow to Tan colored powder
2.	Transition range: pH 3.8 - 5.4	Passes	Greenish yellow to Blue
3.	Solubility 0.1% (EtOH)	Passes	Clear golden yellow solution
4.	Absorptivity 1%/1cm, (pH 3.8) at $\lambda$ Max.441.0 nm (pH 5.4) at $\lambda$ Max.616.0nm	258 547	240 - 270 530 - 570
5.	Loss on drying at 110°C (1hr)	1.02%	< 3%

Chief Chemist