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CERTIFICATE OF ANALYSIS

Name of the Sample : **Bromocresol Green AR/ACS**
Batch No. : **226540**
Date of Mfg : **May 2023**
Date of Exp : **April 2028**
Register No. : **2023-24**
Qty of Sample : **100 gm**
Date of Analysis : **May 2023**

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 λ Max.441.4 nm (pH 5.4) at λ Max.616.2 nm	265 549	240 - 270 530 - 570
5.	Loss on drying at 110°C (1hr)	0.88%	< 3%

Chief Chemist