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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Bromocresol Green AR/ACS**  
**Batch No.** : **227762**  
**Date of Mfg.** : **July 2024**  
**Date of Exp** : **June 2029**  
**Register No.** : **2024-25**  
**Qty of Sample** : **100 gm**  
**Date of Analysis** : **July 2024**

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.441.4 nm (pH 5.4) at $\lambda$ Max.616.2 nm	263 548	240 - 270 530 - 570
5.	Loss on drying at 110°C (1hr)	0.78%	< 3%

**Chief Chemist**