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CERTIFICATE OF ANALYSIS

Name of the Sample : **Bromocresol Green Sodium Salt AR/ACS**
Batch No. : **228333**
Date of Mfg. : **Feb 2025**
Date of Exp : **Jan 2030**
Register No. : **2025-26**
Qty of Sample : **100 gm**
Date of Analysis : **Feb 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark green to brown to Black powder
2.	Transition Range pH 3.8 – 5.4	Passes	Greenish yellow to Blue
3.	Solubility (0.1% Water)	Passes	Clear Blue Solution
4.	Absorption maximum (in water λ_1 max)	616.5nm	614 – 618nm
5.	Absorptivity (A1%, 1cm in water)	430	> 350
6.	Loss on drying at 110°C	3.32%	< 5%

Chief Chemist