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Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : **Bromocresol Green AR/ACS**
Batch No. : **228010**
Date of Mfg. : **Oct 2024**
Date of Exp : **Sep 2029**
Register No. : **2024-25**
Qty of Sample : **100 gm**
Date of Analysis : **Oct 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 λ Max.441.6 nm (pH 5.4) at λ Max.616.2 nm	262 555	240 - 270 530 - 570
5.	Loss on drying at 110°C (1hr)	1.67%	< 3%

Chief Chemist