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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. : 224856
Date of Mfg : Aug 2021
Date of Exp : July 2026
Register No. : 2021-22
Qty of Sample : 100 gm
Date of Analysis : Aug 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 λ Max.441.4 nm (pH 5.4) at λ Max.616.2 nm	257 553	240 - 270 530 - 570
5.	Loss on drying at 110°C (1hr)	0.78%	< 3%

Chief Chemist