



Serving Scientific Community  
Since 1985



**TECHNO PHARMCHEM**

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
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** : **Bromothymol Blue pH Indicator**  
**Batch No.** : **228811**  
**Date of Mfg.** : **Sep 2025**  
**Date of Exp.** : **Aug 2030**  
**Register No.** : **2025-26**  
**Qty of Sample** : **100 gm**  
**Date of Analysis** : **Sep 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Buff to Light Pink Powder
2.	Transition Range pH: 5.8 pH: 7.6	Passes Passes	Yellow Blue
3.	Solubility 0.1% (EtOH)	Passes	Clear solution
4.	Absorptivity 1%, 1cm (pH 5.8) at $\lambda$ max 431.2 nm (pH 7.6) at $\lambda$ max 616.4 nm	292 505	260 – 300 470 – 520
5.	Loss on drying at 110°C (1hr)	1.79%	< 3%
6.	Transition range acc to ACS	Passes test	Passes test

**Chief Chemist**