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CERTIFICATE OF ANALYSIS

Name of the Sample : **Bromophenol Red pH Indicator**
Batch No. : **226710**
Date of Mfg : **June 2023**
Date of Exp : **May 2028**
Register No. : **2023-24**
Qty of Sample : **100 gm**
Date of Analysis : **June 2023**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Dark red to Deep Brown Powder
2.	Transition range: pH 4.7 – 6.3	Passes	Yellow to purple
3.	Solubility 0.1% (95% EtOH)	Passes	Clear solution
4.	Absorptivity 1%/1cm, (pH 4.7) at λ max.442.2 nm (pH 6.3) at λ max.579.4 nm	359 698	340 - 370 585 - 720
5.	Loss on drying at 110°C (1hr)	3.26%	< 5%

Chief Chemist