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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Coomassie Brilliant Blue G 250**  
**Batch No.** : **227527**  
**Date of Mfg.** : **April 2024**  
**Date of Expiry** : **March 2029**  
**Register No.** : **2024-25**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **April 2024**

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark Blue to Dark Purple powder
2.	Absorption maximum $\lambda$ max (Buffer pH 7.0)	579.7nm	577 - 584nm
3.	Spec. Absorptivity A 1% 1cm ( $\lambda$ max;0.01% ; buffer pH 7.0)	493	450 - 570
4.	Loss on drying	4.19%	Max.8.0%
5.	Suitability for electrophoresis	Passes	Passes

**Chief Chemist**