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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Coomassie Brilliant Blue R-250**  
**Batch No.** : **225345**  
**Date of Mfg** : **Feb 2022**  
**Date of Expiry** : **Jan 2027**  
**Register No.** : **2022-23**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **Feb 2022**

| S. No | Test Parameters   | Observed Values | Standard Values       |
|-------|---|-----------------|-----------------------|
| 1.    | Description   | Passes          | Purple – brown powder |
| 2.    | Absorption maximum $\lambda$ max<br>(buffer pH 7.0)                   | 559.2nm         | 554-563nm             |
| 3.    | Spec. Absorptivity A 1% 1cm<br>( $\lambda$ max; 0.025%; buffer pH7.0) | 319             | Min 300.0             |
| 4.    | Loss on drying  | 4.01%           | Max 5.0%              |
| 5.    | Suitability for electrophoresis                                       | Passes          | Passes test           |

**Chief Chemist**