

CERTIFICATE OF ANALYSIS

**PRODUCT NAME : COOMASIE BRILLANT BLUE G 250 FOR
ELECTROPHORESIS (Brilliant blue G 250)**

CAS No	: 6104- 58- 2	Product code	: 13756
Mol. Formula	: C ₄₇ H ₄₈ N ₃ NaO ₇ S ₂	Batch No	: MCR-5723-03
Mol. WT	: 854.02	Mfd.	: Nov. 2023
Date of analysis	: 24/11/23	Exp.	: Oct. 2028

S.R	Test	Specification	Observation
1	Description	Dark blue to dark purple colour powder.	Dark purple colour powder.
2	Identity (UV/VIS spectrum)	Passes test	Passes test
3	Absorption maxima λ max (in 50:50 Methanol : Water)	605-615 nm	612.0 nm
4	Spec. absorptivity A 1% cm (in 50:50 Methanol : Water)	Min. 500	565.47
5	TLC test	Passes test	Passes test
6	Loss on drying	max 8%	5.90%
7	Suitability for electrophoresis	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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