



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	: C₄₅H₄₄N₃NaO₇S₂	Batch No	: MCR-18977
Mol. WT	: 825.99	Mfd.	: July 2019
Date of analysis	: 08/07/19	Exp.	: June 2024

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 (Buffer pH7.0)	577-584 nm	582.6 nm
4	Spec. absorptivity A 1% cm (λ max;0.001%; Buffer pH7.0)	520-570	532.80
5	TLC test	Passes test	Passes test
6	Loss on drying	max 8%	5.84%
7	Suitability for electrophoresis	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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