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Certificate of Analysis

Product Description: Coomassie® Brilliant Blue G-250
Catalog Number: 190343
Lot: S6540

Formula: C₄₇H₄₈N₃O₇S₂Na
CAS #: 6104-58-1
Physical Description: Dark Purple to Black Powder

Formula Weight: 854
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
UV/VIS: λ max (methanol)	608 \pm 3 nm	607.7

Dye Content: 87.3%
Solubility (0.1% aq soln): Dark blue solution
Loss on Drying: 4.7%
Residue on Ignition: 0.07%
Suitable for Protein Staining: Passes
Recommended Retest Date (MM/DD/YYYY): 07/16/2028



07/01/2021 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)