

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Coomassie® Brilliant Blue G-250  
**Catalog Number:** 190343  
**Lot:** S8534**Formula:** C<sub>47</sub>H<sub>48</sub>N<sub>3</sub>O<sub>7</sub>S<sub>2</sub>Na  
**CAS #:** 6104-58-1  
**Physical Description:** Blue-Purple Powder**Formula Weight:** 854  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
UV/VIS: $\lambda$ max (methanol)	608 $\pm$ 3 nm	606.29 nm

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): 07/31/2028



05/16/2022 - Fengqi An  
MP Biomedicals, LLC.  
Life Science QC Supervisor

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