

ChemiPURE Coomassie Brilliant Blue, G-250

5 gr, 10 gr, 25 gr

Cat No: CBB05, CBB10, CBB25

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container.

General Information

ChemiPURE Coomassie Brilliant Blue G-250 is a high-quality laboratory dye designed for research, molecular biology, biochemistry, proteomics, and analytical laboratory applications. It is widely used for sensitive protein staining and quantitative protein determination in a variety of biochemical assays.

Coomassie Brilliant Blue G-250 is the dye of choice for the Bradford Protein Assay, where it forms a stable complex with proteins, resulting in a measurable color change that enables rapid and accurate protein quantification. It is also used for staining proteins following polyacrylamide gel electrophoresis (PAGE), allowing visualization of protein bands with high sensitivity and low background.

ChemiPURE Coomassie Brilliant Blue G-250 is manufactured under stringent quality control standards to ensure high purity, excellent batch-to-batch consistency, and reliable staining performance for routine laboratory and research applications.

Applications

- Bradford protein assay and protein quantification
- Protein staining following SDS-PAGE and native PAGE
- Biochemistry and proteomics research
- Protein purification workflows
- Quality control of recombinant proteins
- Molecular biology and life science research
- Analytical chemistry laboratories
- General laboratory and research applications

This product is sold for laboratory research use only.

CAS Number: 6104-58-1

Molecular Weight: 854.02

Molecular Formula: $C_{47}H_{48}N_3NaO_7S_2$

Appearance: Dark blue to brown powder