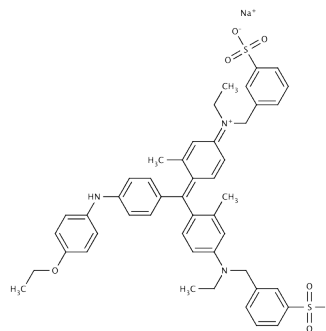


Product Specification

| | |
|-------------------|--|
| Product Name | Coomassie Brilliant Blue G250 (C.I. 42655) |
| Glentham Code | GT0353 |
| CAS Number | 6104-58-1 |
| EINECS | 228-058-4 |
| Colour Index | 42655 |
| MDL Number | MFCD00078482 |
| PubChem SID | 310270472 |
| Molecular Weight | 854.04 |
| Molecular Formula | C ₄₇ H ₄₈ N ₃ NaO ₇ S ₂ |
| Storage Temp. | +20°C |



| Property | Specification |
|---|---|
| Physical Description | Dark blue or purple crystalline powder |
| Solubility (0.1% in water) | Blue to dark blue solution |
| Wavelength of Maximum Absorption | 610.0 - 615.0 nm (in 50:50 IMS:Water) |
| Absorption Ratio ($\lambda_{max} \pm 15nm$) | 0.95 - 1.15 |
| Specific Absorption | ≥ 350.0 (E1%, 1cm cell, at λ_{max}) |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2014-11-27 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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