



Molekula Limited  
Lingfield Way  
Darlington  
County Durham  
DL1 4XX  
United Kingdom  
+44 (0) 3302 000333  
info@molekula.com

# Specification

## Technical Data Sheet

<b>Product Name</b>	Coomassie brilliant blue G-250 (C.I. 42655)
<b>Product No</b>	62815498
<b>CAS Number</b>	6104-58-1
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	854.02
	<b>Specification</b>
<b>Moisture</b>	<10%
<b>Solubility in water</b>	Soluble
<b>Appearance</b>	Blue to dark blue or violet powder
<b>Specific absorption (E 1% in 10 mm cell) at max</b>	≤ 420nm
<b>Wavelength of Max, Absorption,(50;50IMS in water)</b>	608 -618nm
<b>Absorption Ratio <math>\frac{A(\text{max}-15\text{nm})}{A(\text{max}+15\text{nm})}</math></b>	0.95 - 1.15
<b>For research use only, not for human use</b>	For research use only, not for human use