

## 1616 – COOMASSIE BRILLIANT BLUE R-250

<b>REF NO:</b> TBL/QA/SS/LC/1616	<b>STANDARD SPECIFICATION FOR COOMASSIE BRILLIANT BLUE R-250</b>	<b>Rev. No:</b> 03
<b>Issue No:</b> 04		<b>Review Date:</b> 08/11/2024
<b>Issue Date:</b> 09/11/2021		<b>Product code:</b> 1616

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	6104-59-2
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>44</sub> N <sub>3</sub> NaO <sub>7</sub> S <sub>2</sub>
<b>Formula weight</b>	825.97
<b>Functional Uses</b>	Coomassie Brilliant blue G 250 (C.I. 42655) has been used to stain gel in sodium dodecyl sulfate-polyacrylamide gel electrophoresis. It has also been used in Bradford protein assay.
<b>Standard Packaging</b>	5 gm, 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Dark blue powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
λ Max.	554 – 563nm

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

