

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	01306
<b>Lot Number</b>	000331-24463
<b>Product</b>	<b>Brilliant blue G-250</b>
	Coomassie brilliant blue G
	Acid blue 90
<b>CAS Number</b>	6104-58-1
<b>Molecular Formula</b>	C <sub>47</sub> H <sub>48</sub> N <sub>3</sub> O <sub>7</sub> S <sub>2</sub> Na
<b>Molecular Weight</b>	854

---

<b>Appearance</b>	Dark to violet-brown powder
<b>Solubility</b>	Dark blue solution (1 mg/ml in Water)
<b>UV Ratios</b>	$\lambda_{\max}$ = 612 nm in 50% Ethanol
<b>Loss on Drying</b>	2.62%
<b>Residue On Ignition</b>	0.02%
<b>Dye content</b>	91%
<b>Storage</b>	Store at RT
<b>Suitability</b>	Suitable for electrophoresis
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager