

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22874
<b>Lot Number</b>	000331-33667
<b>Product</b>	<b>Lissamine Green B</b>  Cyanol green B  CI 44090
<b>CAS Number</b>	3087-16-9
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>25</sub> N <sub>2</sub> O <sub>7</sub> S <sub>2</sub> Na
<b>Molecular Weight</b>	576.62
<b>Appearance</b>	Black powder
<b>Solubility</b>	Clear to very hazy bluish green solution (C=0.1% in Water)
<b>Cation</b>	Arsenic (As) = 0.15 mg/Kg Lead (Pb) = 3.40 mg/Kg Mercury (Hg) = 0.10 mg/Kg Cadmium (Cd) = 0.11 mg/Kg
<b>Infrared Spectrum</b>	Conforms to structure
<b>Insoluble</b>	0.15% Water insoluble
<b>Volatile Impurities</b>	Sum of volatile matter at 135 °C and chloride and sulfate = 0.15%
<b>Dye content</b>	86.5%
<b>Storage</b>	Store at RT
<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