

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	22876
<b>Lot Number</b>	000331-23663
<b>Product</b>	<b>Erioglaucine</b> Acid Blue 9  CI 42090
<b>CAS Number</b>	3844-45-9
<b>Molecular Formula</b>	C <sub>37</sub> H <sub>34</sub> N <sub>2</sub> O <sub>9</sub> S <sub>3</sub> •2Na
<b>Molecular Weight</b>	792.86

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<b>Appearance</b>	Purple powder
<b>Solubility</b>	Clear to opaque blue to blue black solution (1mg/ml in water)
<b>Heavy Metals</b>	< 40 mg/Kg (as Pb)
<b>Trace Metal Analysis</b>	Lead (Pb): < 10.0 mg/Kg Mercury (Hg): < 1.0 mg/Kg Cadmium (Cd): < 1.0 mg/Kg
<b>Arsenic (As<sub>2</sub>O<sub>2</sub>)</b>	< 3.0 mg/Kg
<b>Infrared Spectrum</b>	Conforms to structure
<b>Insoluble material</b>	0.043% (Water)
<b>Related Substances</b>	Subsidiary dyes: 1.0%
<b>Dye content</b>	88.48%
<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