

# Chem-Impex International, Inc.

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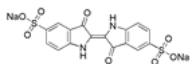
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	22821
<b>Product</b>	<b>Indigo Carmine</b> Acid Blue 74 CI 73015
<b>CAS Number</b>	860-22-0
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>8</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub> •2Na
<b>Molecular Weight</b>	466.36

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<b>Appearance</b>	Dark blue to purple powder
<b>Solubility</b>	Soluble in water (1 g in 2ml at 25 °C)
<b>Heavy Metals</b>	≤ 40 mg/Kg (as Pb)
<b>Cation</b>	Arsenic (As): ≤ 8 ppm Lead (Pb): ≤ 0.001% Sulfur (S): ≤ 13 to 14% Mercury (Hg): ≤ 1.0 mg/Kg Cadmium (Cd): ≤ 1.0 mg/Kg
<b>UV Ratios</b>	λ max: ≥ 608 nm (water)
<b>Visual Transition Range</b>	pH 11.5 (Blue) to pH 14.0 (Yellow)
<b>Loss on Drying</b>	≤ 5.0%
<b>Dye content</b>	≥ 95% (dried basis)
<b>Grade</b>	Certiifiable Grade
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Subsidiary dyes excluding disodium 3,3-dioxo 2,2-bi-indolyldine-5,7 disulfonate: ≤ 1% Dye Intermediates: ≤ 0.50%

**For Laboratory Use Only**