

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	22906
<b>Lot Number</b>	000331-29535
<b>Product</b>	<b>Patent Blue V sodium salt for Microscopy</b>

Acid Blue 3

CI 42051

<b>CAS Number</b>	20262-76-4
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>31</sub> N <sub>2</sub> O <sub>7</sub> S <sub>2</sub> Na
<b>Molecular Weight</b>	582.7

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<b>Appearance</b>	Dark blue powder
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<b>Heavy Metals</b>	< 40 mg/kg
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<b>Arsenic (As<sub>2</sub>O<sub>2</sub>)</b>	< 3 mg/kg
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<b>Cation</b>	Lead (Pb): < 10 mg/Kg Mercury (Hg): < 1 mg/kg
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<b>Insoluble material</b>	0.069% (in Water)
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<b>Dye content</b>	88.15%
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<b>Storage</b>	Store at RT
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<b>Additional Information</b>	Subsidiary dyes: 0.48% Leuco Base: 1.38% Combined ether extract: 0.052%
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<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager