

# Chem-Impex International, Inc.

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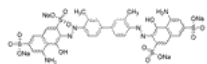
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	01636
<b>Product</b>	<b>Trypan blue</b> Direct blue 14 Niagara blue 3B
<b>CAS Number</b>	72-57-1
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>24</sub> N <sub>6</sub> O <sub>14</sub> S <sub>4</sub> Na <sub>4</sub>
<b>Molecular Weight</b>	960.82

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<b>Appearance</b>	Black powder
<b>Solubility</b>	Blue solution (C=0.1% in water)
<b>Melting Point</b>	> 300 °C
<b>UV Ratios</b>	Absorption max in methanol: 605 ± 2 Absorptivity (1%/1cm) at λ <sub>max</sub> 603.0 nm in methanol: ≥ 625
<b>Loss on Drying</b>	≤ 10% (110 °C / 1 hour)
<b>Dye content</b>	≥ 70%
<b>Grade</b>	Certifiable Grade
<b>Storage</b>	Store at RT

**For Laboratory Use Only**