

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42001
<b>Product</b>	<b>Mordant Blue 9</b> 6-(5-Chloro-2-hydroxy-3-sulfophenylazo)-5-hydroxy-1- 6-(5-Chloro-2-hydroxy-4-sulfonphenylazo)-5-hydroxy-1-
<b>CAS Number</b>	3624-68-8
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>9</sub> ClN <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight</b>	502.81

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<b>Appearance</b>	Blue-black powder
<b>Solubility</b>	Soluble 1 mg/mL in water
<b>Infrared Spectrum</b>	Conforms to structure
<b>Dye content</b>	≥ 50%
<b>Grade</b>	suitable for Hematology & Histology
<b>Storage</b>	Store at RT
<b>Additional Information</b>	$\lambda_{\max} = 516 \text{ nm}$

**For Laboratory Use Only**