

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22963
<b>Product</b>	<b>Azure A</b>
<b>Lot Number</b>	002126-01-33-3 Azure A chloride salt CI 52005
<b>CAS Number</b>	531-53-3
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>14</sub> N <sub>3</sub> SCl
<b>Molecular Weight</b>	291.81

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<b>Appearance</b>	Dark blackish brown powder
<b>Solubility</b>	Clear blue solution (0.1% in Water). Soluble in water, methanol, and glycerol. Slightly soluble in ethanol.
<b>Loss on Drying</b>	5.55% (110 °C, 1h)
<b>Dye content</b>	> 80%
<b>Application</b>	Used in screening test for mucopolysaccharides.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Absorptivity (1%/1cm, at $\lambda_{\max}$ 630.4 nm): 1396
<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