

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	22972
<b>Product</b>	<b>Rose Bengal</b> Acid Red 9 CI 45440
<b>CAS Number</b>	632-69-9
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>2</sub> Cl <sub>4</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	1017.62
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<b>Appearance</b>	Dark red powder
<b>Solubility</b>	Red solution 0.1% (Dist. Water)
<b>Loss on Drying</b>	≤ 10% (110 °C, 1 hr)
<b>Dye content</b>	≥ 90%
<b>Grade</b>	Certi fiable Grade
<b>Storage</b>	Store at RT
<b>Additional Information</b>	$\lambda_{\max}$ = 548 nm (in water + 1 mL 1% sodium carbonate): ≥ 910

**For Laboratory Use Only**