

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	22885
<b>Lot Number</b>	002126-212-23
<b>Product</b>	<b>Rhodamine 6G</b> Basic Red 1
<b>CAS Number</b>	989-38-8
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>30</sub> N <sub>2</sub> O <sub>3</sub> •HCl
<b>Molecular Weight</b>	479.02

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<b>Appearance</b>	Red powder
<b>Anion</b>	Chloride content : 5.79%
<b>Water Content (Karl Fisher)</b>	1.5%
<b>pH</b>	4.03
<b>UV Ratios</b>	Absorbance at (5 mg/L waterL + 1 mL acetic acid) : 527 nm : 0.962 Abs
<b>Loss on Drying</b>	1.04 at 60 °C
<b>Dye content</b>	98.5%
<b>Storage</b>	Store at RT
<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