

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22781
<b>Lot Number</b>	002309-4-002-14
<b>Product</b>	<b>4-Phenylazophenol</b> Solvent Yellow 7 CI 11800
<b>CAS Number</b>	1689-82-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O
<b>Molecular Weight</b>	198.22

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<b>Appearance</b>	Brown powder
<b>Solubility</b>	Clear solution (1mg/mL in Ethanol)
<b>Melting Point</b>	148-153 °C
<b>UV Ratios</b>	Absorption at 236 nm ε: 12052 Absorption at 346 nm ε: 24341
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay</b>	99.02%
<b>Storage</b>	Store at 0-8°C
<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