

# Chem-Impex International, Inc.

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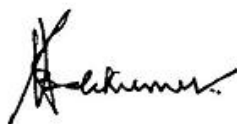
## Certificate of Analysis

<b>Catalogue Number</b>	38646
<b>Lot Number</b>	000331-53431
<b>Product</b>	<b>INT formazan</b> 1-(4-Iodophenyl)-5-(4-nitrophenyl)-3-phenylformazan
<b>CAS Number</b>	7781-49-9
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>14</sub> IN <sub>5</sub> O <sub>2</sub>
<b>Molecular Weight</b>	471.26

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<b>Appearance</b>	Dark brown-red powder
<b>Solubility</b>	Solubility (C=10 mg/L, in Ethanol) : Dark brown to very dark brown to dark red
<b>Elemental Analysis (Found)</b>	Carbon : 48.71% Nitrogen : 15.03%
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	$\lambda_{\max}$ : 487 nm
<b>Loss on Drying</b>	< 0.45%
<b>Storage</b>	Store at RT under Nitrogen blanket
<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