

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	22785
<b>Lot Number</b>	000331-33820
<b>Product</b>	<b>1,5-Diphenylcarbohydrazide</b>

1,5-Diphenylcarbazine

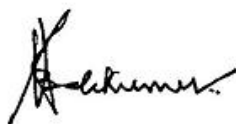
*sym*-Diphenylcarbazine

<b>CAS Number</b>	140-22-7
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>14</sub> N <sub>4</sub> O
<b>Molecular Weight</b>	242.28

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<b>Appearance</b>	Off-white powder with a hint of pink powder
<b>Solubility</b>	Soluble in aqueous Acetone Very slightly soluble in water.
<b>Melting Point</b>	175 °C
<b>Sensitivity</b>	Sensitivity to chromate: Passes test
<b>Loss on Drying</b>	0.11%
<b>Purity by HPLC</b>	99.3%
<b>Grade</b>	ACS reagent
<b>Application</b>	Indicator for chromate.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Residue after ignition: 0.01%
<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**