

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	37937
<b>Product</b>	<b>N-Hydroxy-N'-phenyloctanediamide</b>
<b>Lot Number</b>	003292-202203-001
	SAHA
<b>CAS Number</b>	149647-78-9
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	264.33

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<b>Appearance</b>	Very slightly orange crystalline powder
<b>Melting Point</b>	158 - 160 °C
<b>Heavy Metals</b>	< 10 ppm
<b>Anion</b>	Chlorides (Cl) : < 0.02%
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Maximum absorbance is at wavelength 242 nm
<b>Loss on Drying</b>	0.36%
<b>Residual Solvents</b>	Ethanol : 0.33% Methanol : Not detected
<b>Related Substances</b>	Impurity A : Octyl aniline acid : 0.10% Impurity D : O-octyl aniline SAHA : Not detected Other individual impurity : 0.08% Total impurities : 0.18%
<b>Residue On Ignition</b>	0.09%
<b>Assay</b>	99.4% (On dried basis)
<b>Purity by HPLC</b>	99.94%
<b>Storage</b>	Store at < -20 °C

# *Certificate of Analysis*

Catalog Number: 37937

Lot Number: 003292-202203-001

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**Remarks**

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**