

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	38035
<b>Lot Number</b>	003514-007-1-23-08-3
<b>Product</b>	<b>Minoxidil</b> 2,6-Diamino-4-piperidinopyrimidine 1-Oxide
<b>CAS Number</b>	38304-91-5
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>15</sub> N <sub>5</sub> O
<b>Molecular Weight</b>	209.25

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in alcohol and in propylene glycol, sparingly soluble in methanol, slightly soluble in water. Practically insoluble in chloroform, acetone, ethyl acetate and in hexane.
<b>Melting Point</b>	252.4 - 253.6 °C
<b>Loss on Drying</b>	0.09%
<b>Residual Solvents</b>	Methanol : < 3000 ppm Piperidine : < 1000 ppm
<b>Related Substances</b>	Pyrimidine oxide analog A : < 0.2% Pyrimidine analog B : < 0.2% Deoxyminoxidil : < 0.2% Any individual unspecified impurity : < 0.1% Total impurities : 0.2%
<b>Residue On Ignition</b>	0.02%
<b>Assay</b>	99.7% (on dried basis)
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Identification : Test A : Infrared spectrum : Conforms to structure Test B : Test for Assay : Passes test

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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**