

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	21617
<b>Lot Number</b>	003183-0820-01
<b>Product</b>	<b>Harmaline</b> 1-Methyl-7-methoxy-3,4-dihydro- $\beta$ -carboline
<b>CAS Number</b>	304-21-2
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O
<b>Molecular Weight</b>	214.27

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear solution in DMSO
<b>Melting Point</b>	232 - 234 °C
<b>Water Content (Karl Fisher)</b>	0.35%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.80%
<b>Storage</b>	Store at 0 - 8 °C

**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