## **Chem-Impex International, Inc.**

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## Certificate of Analysis

Catalogue Number	32487
Lot Number	002962-20180630
Product	<b>Jervine</b> (3β, 23β)-17,23-Epoxy-3-hydroxyveratraman-11-one 11-Ketocyclopamine
CAS Number	469-59-0
Molecular Formula	C <sub>27</sub> H <sub>39</sub> NO <sub>3</sub>
Molecular Weight	425.6
Appearance	White to off-white powder
<sup>13</sup> C NMR	Conforms to structure
<sup>1</sup> H NMR	Conforms to structure
<b>Purity by HPLC</b>	98.91%
Storage	Store at $\leq$ -10 °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

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Bala Kumar Quality Control Manager