

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	38397
<b>Product</b>	<b>Rifapentine</b>
<b>Lot Number</b>	002197-211223
	3-[[[4-Cyclopentyl-1-piperazinyl]imino]methyl]rifamycin Cyclopentylrifampicin
<b>CAS Number</b>	61379-65-5
<b>Molecular Formula</b>	C <sub>47</sub> H <sub>64</sub> N <sub>4</sub> O <sub>12</sub>
<b>Molecular Weight</b>	877.05

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<b>Appearance</b>	Brick red or dark red crystalline powder
<b>Odor</b>	Odorless
<b>Crystallinity</b>	Passes test
<b>Heavy Metals</b>	< 20 ppm
<b>Water Content (Karl Fisher)</b>	3%
<b>pH</b>	5.7
<b>Mould and Yeast</b>	< 1 cfu/g
<b>Residual Solvents</b>	N-butanol : 0.5% Ethanol : 1.5%
<b>E. Coli</b>	Not detected
<b>Microbial Count</b>	10 cfu/g (TAC)
<b>Particle Size</b>	Passes test
<b>Related Substances</b>	Single impurity : 0.4% Total impurities : 1.3%
<b>Residue On Ignition</b>	0.1%
<b>Assay (anhydrous basis)</b>	99.4%
<b>Storage</b>	Store at < -20 °C
<b>Additional Information</b>	Identification 1, 2, 3 : Passes test Abnorma toxicity : Passes test Taste : Tasteless

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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**