

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38479
<b>Product</b>	<b>Erythromycin</b> Erythromycin A
<b>CAS Number</b>	114-07-8
<b>Molecular Formula</b>	C <sub>37</sub> H <sub>67</sub> NO <sub>13</sub>
<b>Molecular Weight</b>	733.98
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<b>Appearance</b>	White or almost white crystalline powder
<b>Melting Point</b>	138 - 140 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -71 to -78 °
<b>Activity</b>	Activity ≥ 850 mg/mg powder (dry basis), ≥ 765 mg/mg powder (as is)
<b>Assay</b>	85.0 - 100.5% (Dry basis)
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**