

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22106
<b>Lot Number</b>	001204-3421437
<b>Product</b>	<b>Cefamandole nafate</b> Cefamandole formate sodium salt (6R,7R)-7-(2-Formyloxy-2-phenylacetyl-amino)-3-(1-methyl-1H-
<b>CAS Number</b>	42540-40-9
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>17</sub> N <sub>6</sub> O <sub>6</sub> S <sub>2</sub> Na
<b>Molecular Weight</b>	512.49

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear colorless to yellow solution at 50 mg/mL in water
<b>Water Content (Karl Fisher)</b>	0.19%
<b>pH</b>	5.62
<b>Infrared Spectrum</b>	Conforms to structure
<b>Bacterial Endotoxins</b>	< 0.15 EU/mg
<b>Potency (Anhydrous Basis)</b>	900 µg/mg
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Sterility: Conforms to standard Identification: Conforms to the standard Sodium Carbonate Content : 6.6%
<b>Remarks</b>	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