

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

**Catalogue Number** 27082  
**Lot Number** 001745-27082-070913  
**Product** **4-Quinolinecarboxylic acid**

Cinchoninic acid

**CAS Number** 486-74-8  
**Molecular Formula** C<sub>10</sub>H<sub>7</sub>NO<sub>2</sub>

**Molecular Weight** 173.17

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**Appearance** Off-white to light yellow powder

**Solubility** Soluble in methanol

**Melting Point** 241-243° C

**Infrared Spectrum** Conforms to structure

**Purity by HPLC** 98.8%

**Storage** 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