

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 03135  
**Product** Sarcosine methyl ester hydrochloride

**Lot Number** 000424-171113-21702  
Sar-OMe•HCl

**CAS Number** 13515-93-0  
**Molecular Formula** C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub>•HCl

**Molecular Weight** 139.6

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**Appearance** White powder  
**Solubility** Clear solution (0.3 g in 2 ml H<sub>2</sub>O)  
**Melting Point** 115.6 - 116.6 °C  
**Water Content (Karl Fisher)** 0.85%  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to standard  
**Loss on Drying** 0.59% (50°C, 2h)  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 99.85%  
**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