

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	10868
<b>Lot Number</b>	001328-20120525-1
<b>Product</b>	<b>D-Cystine bis(methyl ester) dihydrochloride</b>  (H-D-Cys-OMe) <sub>2</sub> •2HCl  Dimethyl D-cystinate dihydrochloride
<b>CAS Number</b>	144000-36-2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub> •2HCl
<b>Molecular Weight</b>	341.28

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +44.5° (C=1 in MeOH)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 95% (NMR)
<b>Storage</b>	Store at 0-8 °C
<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**