

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

**Catalogue Number** 02215  
**Lot Number** 000630-04443  
**Product** **Z-L-methionine**

Z-L-Met-OH

**CAS Number** 1152-62-1  
**Molecular Formula** C<sub>13</sub>H<sub>17</sub>NO<sub>4</sub>S

**Molecular Weight** 283.4

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**Appearance** White to off-white crystalline powder  
**Melting Point** 67-71 °C  
**Water Content (Karl Fisher)** < 0.2%  
**Optical Rotation**  $\alpha_D = -28 \pm 1^\circ$   
**Residue On Ignition** < 0.05%  
**Assay** > 99%  
**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