

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

**Catalogue Number** 04918  
**Lot Number** 4918-061101-1  
**Product** **Z-D-serine methyl ester**

Z-D-Ser-OMe

Z-D-β-hydroxyalanine methyl ester

**CAS Number** 93204-36-5

**Molecular Formula** C<sub>12</sub>H<sub>15</sub>NO<sub>5</sub>

**Molecular Weight** 253.2

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**Appearance** White powder

**Melting Point** 30-32 °C

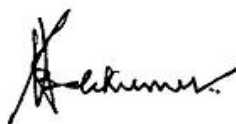
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = +13.8° (C=1.05% in MeOH)

**Purity by HPLC** 97%

**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**