

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05405
Lot Number	000424-171010-11732
Product	Z-DL-serine Z-DL-Ser-OH
CAS Number	2768-56-1
Molecular Formula	C ₁₁ H ₁₃ NO ₅
Molecular Weight	239.20

Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2 ml DMF)
Melting Point	123.9-124.5 °C
Water Content (Karl Fisher)	0.269%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.11% (60°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.18%
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