

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03313
Lot Number	000782-18771
Product	O-Benzyl-D-serine

D-Ser(Bzl)-OH

CAS Number	10433-52-0
Molecular Formula	C ₁₀ H ₁₃ NO ₃
Molecular Weight	195.2

Appearance	Off-white powder
Water Content (Karl Fisher)	0.08%
TLC System	Ethyl acetate/n-Butanol/Acetic acid/Water (2:1:1:1)
Optical Rotation	[α] _D ²⁰ = -23.0° (C=1 in AcOH/1M HCl = 8:2)
Infrared Spectrum	Conforms to structure
Residue On Ignition	0.1%
Assay by titration	98.8%
L-Enantiomer	< 0.1%
Purity by HPLC	> 99.9%
Purity by TLC	> 99%
Chiral Purity	> 99.9% (ee)
Storage	Store at 0-8 °C

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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