

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	39421
Lot Number	003302-210602
Product	(S)-(-)-4-Chloro-3-hydroxybutyronitrile
CAS Number	127913-44-4
Molecular Formula	C ₄ H ₆ ClNO
Molecular Weight	119.55

Appearance	Colorless to light yellow transparent liquid
Flash Point	110 °C
Density	1.25 g/mL
Refractive Index	n ₂₀ /D 1.47
Water Content (Karl Fisher)	0.07%
Optical Rotation	[α] _D ²⁰ = -12 to -14 °
Other Enantiomer	0.42%
Purity by GC	98.6%
Chiral Purity	99.58% (ee)
Storage	Store at RT
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