

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	17313
Lot Number	001539-20120516
Product	(R)-2-Methylpiperazine-1-carboxylic acid benzyl ester (R)-Benzyl 2-methylpiperazine-1-carboxylate
CAS Number	84477-85-0
Molecular Formula	C ₁₃ H ₁₈ N ₂ O ₂
Molecular Weight	234.3

Appearance	Light yellow liquid
Water Content (Karl Fisher)	0.01%
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.05%
¹H NMR	Conforms to structure
Purity	98.53%
Chiral Purity	97.5% (ee)
Storage	Store at 2-8 °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