



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-783
Product Name	BOC-Met-OH N ^α -(t-Butyloxycarbonyl)-L-methionine
Lot Number	14639
CAS Registry Number	2488-15-5
Molecular Formula	C ₁₀ H ₁₉ NO ₄ S
Molecular Weight	249.3
Melting Point	47°C
Appearance	White powder
Purity	99.5%
Specific Rotation(NAD)	-22.5 (c=2 in MeOH)
Purity	>99.5%
(HPLC)column;	RP-HD-Sil-C18
HPLC SYSTEM	Linear gradient flow 1/ml/min- detection at 210 nm
HPLC buffer	A:TEAP-buffer pH=2.25, B:CH ₃ CN /A 70/30
HPLC Gradient	50% B to 100% B in 25 mins
TLC System	CHCl ₃ :MeOH:AcOH 85:10:5 TLC Concentration 25 Mg/ml traces of impurities
comments:	
TLC System	TLC concentration 25mg/ml Single spot
CHCl₃:MeOH:AcOH 85:10:5	
Other Enantiomer	0.7%D-Ant
Free Amino Acids	<0.1%
Other Amino Acids	0.1%
Loss on Drying	<0.2%
Ash Content	<0.1%
Storage	Store at -0°C.