

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	04053
<b>Product Name</b>	Boc-7-aminoheptanoic acid Boc-L- $\alpha$ -aminoheptanoic acid
<b>Lot Number</b>	04053-031405-1
<b>CAS Registry Number</b>	60142-89-4
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	245.3
<b>Appearance</b>	White powder
<b>Melting Point</b>	54-57 °C
<b>Optical Rotation</b>	-1.15° (1.1, MeOH)
<b>HPLC</b>	98%
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Sashi Kumar  
Quality Control Manager

## HPLC Conditions

<b>Column</b>	Beckman Ultrasphere 5 $\mu\text{m}$ , 250x4.6 mm, 150 $\text{\AA}$
<b>Guard Column</b>	Supel Guard LC-18-DB, 2 cm
<b>Retention Time, min</b>	8.867
<b>Sample preparation</b>	5 mg/1 ml 50% Acetonitrile/Water
<b>Injection volume, <math>\mu\text{l}</math></b>	5

### Method /Detection at, nm

### Gradient

30-80% B

A = 99.9% Water, 0.1% TFA

B = 95% Acetonitrile, 4.9% Water, 0.1% TFA

30 min, flow rate = 1.0 ml / min