

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	15312
<b>Lot Number</b>	000424-170122-23757
<b>Product</b>	<b>Boc-4-trifluoromethyl-D-β-homophenylalanine</b>  Boc-D-β-HomoPhe(4-CF <sub>3</sub> )-OH
<b>CAS Number</b>	269726-77-4
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>20</sub> F <sub>3</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	347.33

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 15.38 ° (C=1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not identified
<b>Related Substances</b>	Not identified
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	100% (ee)
<b>L-Enantiomer</b>	Not detected
<b>Purity by HPLC</b>	99.9%
<b>Storage</b>	Store at 0-8 °C

## ***Certificate of Analysis***

**Catalog Number: 15312**

**Lot Number: 000424-170122-23757**

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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**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**