

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03225
<b>Lot Number</b>	12,12,22,98-V
<b>Product</b>	<b>Boc-O-benzyl-D-threoninol</b> Boc-D-Threoninol(Bzl)
<b>CAS Number</b>	168034-31-9
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	295.36

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<b>Appearance</b>	Oil
<b>TLC System</b>	Methylene chloride : Acetone (19:1) R <sub>f</sub> = 0.3 : Single spot Ethyl acetate : Hexane (1:1) R <sub>f</sub> = 0.5 : Single spot
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -13 ° (C=1 in MeOH)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99%
<b>Purity by TLC</b>	Single spot
<b>Storage</b>	Store at 0 - 8 °C
<b>Remarks</b>	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