## **Chem-Impex International, Inc.**

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## Certificate of Analysis

Catalogue Number	16067
Lot Number	000705-180129-20497
Product	2-(4-Boc-piperazinyl)-2-(3-chlorophenyl)acetic a-(4-Boc-piperazinyl)-a-(3-chlorophenyl)acetic acid
CAS Number	885272-99-1
<b>Molecular Formula</b>	$C_{17}H_{23}ClN_2O_4$
Molecular Weight	354.83
Appearance	Light brown powder
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with : UV/Iodine
<sup>1</sup> H NMR	Conforms to structure
LCMS	Conforms to standard
<b>Purity by HPLC</b>	98.86%
Storage	Store at 0 - 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

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Bala Kumar Quality Control Manager