

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	32557
<b>Product</b>	<b>Fmoc-Trp(Boc)-Ser(Psi(Me,Me)pro)-OH</b>
<b>Lot Number</b>	001529-505664
	Fmoc-Trp(Boc)-Ser( $\Psi^{(Me,Me)}$ pro)-OH
<b>CAS Number</b>	908601-15-0
<b>Molecular Formula</b>	C <sub>37</sub> H <sub>39</sub> N <sub>3</sub> O <sub>8</sub>
<b>Molecular Weight</b>	653.73

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear colorless solution (5% in MeOH)
<b>Water Content (Karl Fisher)</b>	0.4%
<b>Related Substances</b>	Single unspecified impurities : 0.12% Fmoc-b-Ala-OH : Not detected Fmoc-Trp(Boc)-OH : 0.02% Fmoc-Trp(Boc)-Ser-OH : 0.04%
<b>Assay by titration</b>	99.8% (on dry basis)
<b>Other Enantiomer</b>	D-Trp : < 0.1% D-Ser : < 0.1%
<b>Purity by HPLC</b>	99.3%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at $\leq -10$ °C
<b>Additional Information</b>	No AcOH and no related esters used in process
<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