

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	32558
<b>Lot Number</b>	001529-503342
<b>Product</b>	<b>Fmoc-Trp(Boc)-Thr(Psi(Me,Me)pro)-OH</b>

Fmoc-Trp(Boc)-Thr( $\Psi^{(Me,Me)}$ pro)-OH

<b>CAS Number</b>	936707-21-0
<b>Molecular Formula</b>	C <sub>38</sub> H <sub>41</sub> N <sub>3</sub> O <sub>8</sub>
<b>Molecular Weight</b>	667.76

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless to slightly colored solution (5% in MeOH)
<b>Water Content (Karl Fisher)</b>	0.7%
<b>Other Amino Acids</b>	< 0.2%
<b>Related Substances</b>	Single impurities : 0.6% Fmoc- $\beta$ -Ala-OH : < 0.1%
<b>Assay by titration</b>	98.6% (TMAH)
<b>Other Enantiomer</b>	< 0.1% D-Trp < 0.1% D-Thr
<b>Purity by HPLC</b>	98.1%
<b>Purity by TLC</b>	> 99.5%
<b>Storage</b>	Store at $\leq -10$ °C

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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**



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