

## CERTIFICATE OF ANALYSIS

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Product Name	Fmoc- Trp(Boc)-OH
Product Cat. No.	C01541
Product CAS No.	143824-78-6
Formula	C <sub>31</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub>
M.W.	526.6
Storage	Keep cool and dry at < -18°C

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Test Items	Specifications	Results
Appearance	White powder	Conforms
HPLC	≥98%	98.83%
Specific Rotation[α] <sup>20</sup> <sub>D</sub>	-20°±4°(C=1 in DMF)	-21.2°(C=1 in DMF)
Clarity of solution	0.3gram in 2ml DMF clear solution	Conforms
Kaiser Test	<0.05%	<0.05%
Water Content(K.F.)	≤2.0%	0.62%
IR	In accordance with the standard	Conforms
Mass Spectrum	In accordance with the standard	Conforms

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**Caution:**

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Richard* Date: 04/21/2009  
Quality Assurance Department