

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

**Catalogue Number** 08090  
**Product** **Fmoc-O-sulfo-L-tyrosine sodium salt**

**Lot Number** 000127-1026212  
Fmoc-L-Tyr(SO<sub>3</sub>H)-OH•sodium salt

**CAS Number** 106864-37-3  
**Molecular Formula** C<sub>24</sub>H<sub>20</sub>NNaO<sub>8</sub>S

**Molecular Weight** 505.48

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**Appearance** White powder  
**Appearance of Solution** Clear, colorless solution (50 mg/mL in dioxane)  
**Water Content (Karl Fisher)** 3.0%  
**TLC System** Chloroform/Methanol/Acetic acid 32% (5:3:1)  
Chloroform/Methanol/Acetic acid/H<sub>2</sub>O (70:42:0.5:10)  
Ethylacetate/Pyridine/Acetic acid/H<sub>2</sub>O (6:4:1:3)  
Plate: silicagel 60 F<sub>254</sub>  
Detected by: UV, chlorine-tolidine, ninhydrin  
**Assay** 87.1% (elemental analysis: Cth 59.62%, Cfd 51.93%)  
**Purity by HPLC** 99% (TFA)  
**Purity by TLC** > 99%  
**Storage** Store at 0-8 °C  
**Additional Information** Na<sup>+</sup> (FAAS): 8.2%

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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**