

## Analytical Data Sheet

Lot number **1000022091**  
not for drug use

Catalog number **B-3460.0005**  
Product number **4029346.0005**  
Product **Fmoc- Thr(PO(OBzl) OH) - OH**  
Molecular formula  $C_{26}H_{26}NO_8P$   
Relative molecular mass 511.47

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (TLC)	complies with authentic material
Purity (HPLC)	95.1% (TFA)
Related impurities (HPLC)	0.4% Fmoc-Thr(PO <sub>3</sub> H <sub>2</sub> )-OH
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/4/1/3 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, Amm, TMB
Assay (titration)	98.6% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: September 19, 2019

**Analytical Data Sheet**  
Lot number **1000022091**