

Analytical Data Sheet

Lot number **1071472**
not for drug use

Catalog number **C-2640.0005**
Product number **4003488.0005**
Product **Z- Thr- OBzl**
Molecular formula **C₁₉H₂₁NO₅**
Relative molecular mass **343.38**

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50mg/ml in MeOH)								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 66.5 %</td> <td>C = 66.2 %</td> </tr> <tr> <td>H = 6.2 %</td> <td>H = 6.2 %</td> </tr> <tr> <td>N = 4.1 %</td> <td>N = 4.1 %</td> </tr> </tbody> </table>	Theory	Found	C = 66.5 %	C = 66.2 %	H = 6.2 %	H = 6.2 %	N = 4.1 %	N = 4.1 %
Theory	Found								
C = 66.5 %	C = 66.2 %								
H = 6.2 %	H = 6.2 %								
N = 4.1 %	N = 4.1 %								
Identification (TLC)	complies with authentic material								
Melting point	80 ° C								
Specific optical rotation	$[\alpha]_D^{24} = -10.5^\circ$ (2% EtOH)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, ammonium molybdate, RP8								
Assay (elemental analysis)	99.7% (Cth 66.46 %, Cfd 66.23 %)								

Latest update: April 27, 2017

Analytical Data Sheet
Lot number **1071472**