

## Analytical Data Sheet

Lot number **1069318**  
not for drug use

Catalog number **C-3975.0005**  
Product number **4028975.0005**  
Product **Z- p- carboxy- Phe(OtBu) - OH**  
Molecular formula **C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub>**  
Relative molecular mass **399.44**

| Tests                      | Results   |
|----------------------------|---|
| Appearance                 | beige powder  |
| Appearance of solution     | clear, yellowish solution (50 mg/ml in MeOH)  |
| Identification (ESI-MS)    | m= 399.4u (average mass)  |
| Identification (TLC)       | complies with authentic material  |
| Melting point              | 96 °C   |
| Purity (TLC)               | > 99%   |
| TLC conditions             | toluene/dioxane/acetic acid 95/25/4<br>chloroform/methanol/acetic acid 90/8/2<br>chloroform/ethylacetate/acetic acid 50/50/2<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis) | 99.2% (Cth 66.15 %, Cfd 65.65 %)  |

Latest update: January 03, 2017

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