

Analytical Data Sheet

Lot number **1075615**
not for drug use

Catalog number **N-1445.0250**
Product number **4026406.0250**
Product **Z- Asp- 2, 6- dichlorobenzoyloxymethylketone**
Molecular formula $C_{20}H_{17}Cl_2NO_7$
Relative molecular mass 454.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 52.9 % C = 52.6 % H = 3.8 % H = 3.9 % N = 3.1 % N = 3.0 %
Identification (TLC)	complies with authentic material
Melting point	109 °C
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Cth 52.88 %, Cfd 52.60 %)
Water content (KF volumetric)	0.3%

Latest update: February 12, 2018

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