

# Analytical Data Sheet

Lot number

**1018445**

not for drug use

<b>Catalog Number</b>	<b>N-1445.0100</b>
<b>Product number</b>	<b>4026406.0100</b>
<b>Product</b>	<b>Z- Asp- 2, 6- dichlorobenzoyloxymethylketone</b>
<b>Molecular formula</b>	$C_{20}H_{17}Cl_2NO_7$
<b>Relative molecular mass</b>	454.26

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 52.9 %</td> <td>C = 52.6 %</td> </tr> <tr> <td>H = 3.8 %</td> <td>H = 3.9 %</td> </tr> <tr> <td>N = 3.1 %</td> <td>N = 3.0 %</td> </tr> </table>	Theory	Found	C = 52.9 %	C = 52.6 %	H = 3.8 %	H = 3.9 %	N = 3.1 %	N = 3.0 %
Theory	Found								
C = 52.9 %	C = 52.6 %								
H = 3.8 %	H = 3.9 %								
N = 3.1 %	N = 3.0 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	109 °C								
<b>Purity (TLC)</b>	≥ 99%								
<b>TLC conditions</b>	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
<b>Assay (elemental analysis)</b>	99.5% (Cth 52.88 %, Cfd 52.60 %)								
<b>Water content (KF volumetric)</b>	0.3%								
Latest update: October 24, 2008									