

Analytical Data Sheet

Lot number

1049555

not for drug use

Catalog Number	F-2220.0001
Product number	4010441.0001
Product	Diazoacetyl- DL- Nie- OMe
Molecular formula	$C_9H_{15}N_3O_3$
Relative molecular mass	213.24

Tests	Results								
Appearance	yellow powder								
Appearance of solution	clear, yellow solution (10 % in DMF)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 50.69 %</td> <td>C = 50.64 %</td> </tr> <tr> <td>H = 7.09 %</td> <td>H = 7.27 %</td> </tr> <tr> <td>N = 19.71 %</td> <td>N = 20.12 %</td> </tr> </table>	Theory	Found	C = 50.69 %	C = 50.64 %	H = 7.09 %	H = 7.27 %	N = 19.71 %	N = 20.12 %
Theory	Found								
C = 50.69 %	C = 50.64 %								
H = 7.09 %	H = 7.27 %								
N = 19.71 %	N = 20.12 %								
Identification (TLC)	complies with authentic material								
Melting point	66 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/H ₂ O 100/15/1 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine								
Latest update: August 14, 2013	Analytical Data Sheet Lot number 1049555								