

## Analytical Data Sheet

Lot number **1062141**  
not for drug use

Catalog number **Q-1155.0025**  
Product number **4004476.0025**  
Product **Z- NHHN<sub>2</sub> · HCl**  
Molecular formula **C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub> · HCl**  
Relative molecular mass **202.64**

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 47.42 %</td><td>C = 47.75 %</td></tr><tr><td>H = 5.47 %</td><td>H = 5.28 %</td></tr><tr><td>N = 13.82 %</td><td>N = 14.04 %</td></tr></tbody></table> <p>calc. as 1.0 HCl (17.5 % Cl)</p>	Theory	Found	C = 47.42 %	C = 47.75 %	H = 5.47 %	H = 5.28 %	N = 13.82 %	N = 14.04 %
Theory	Found								
C = 47.42 %	C = 47.75 %								
H = 5.47 %	H = 5.28 %								
N = 13.82 %	N = 14.04 %								
Identification (TLC)	complies with authentic material								
Melting point	177 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/benzene/H <sub>2</sub> O 8/8/8/1 benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Chloride content (titration)	17.7% (AgNO <sub>3</sub> )								

Latest update: October 09, 2015

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