

# Analytical Data Sheet

Lot number

**1026084**

not for drug use

<b>Catalog Number</b>	<b>M-1765.0050</b>
<b>Product number</b>	<b>4012132.0050</b>
<b>Product</b>	<b>O- <math>\alpha</math>- Hippuryl- L- argininic acid hydrochloride salt</b>
<b>Molecular formula</b>	$C_{15}H_{20}N_4O_5$
<b>Relative molecular mass</b>	336.35

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in water)
<b>Identification (ESI-MS)</b>	m/z = 336.2u
<b>Purity (TLC)</b>	> 98%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, chlorine-tolidine, TMB
<b>Assay (elemental analysis)</b>	95.4% (Nth 16.66 %, Nfd 15.90 %)
<b>Water content (KF volumetric)</b>	2.0%
<b>Chloride content (titration)</b>	1.5% (AgNO <sub>3</sub> )
Latest update: August 25, 2009	<b>Analytical Data Sheet</b> Lot number <b>1026084</b>