

# Analytical Data Sheet

Lot number

## 1043096

not for drug use

<b>Catalog Number</b>	E-2465.0005
<b>Product number</b>	4001781.0005
<b>Product</b>	Tos- Arg- OH
<b>Molecular formula</b>	C <sub>13</sub> H <sub>20</sub> N <sub>4</sub> O <sub>4</sub> S
<b>Relative molecular mass</b>	328.39

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in 80% acetic acid)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, IRH
<b>Assay (elemental analysis)</b>	97.6% (Nth 17.06%, Nfd 16.64%)
<b>Water content (KF volumetric)</b>	1.5%
Latest update: June 13, 2012	

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