

## Analytical Data Sheet

Lot number	1000043303 not for drug use
Catalog number	B-1040.0005
Product	Fmoc-Arg-OH
Product number	4003163.0005
Molecular formula (net)	C <sub>21</sub> H <sub>24</sub> N <sub>4</sub> O <sub>4</sub>
Molecular mass (average)	396.5

Tests	Results
Components	
<b>Appearance</b>	
Color	white
Physical form	powder
Visible impurities	none
<b>Appearance of solution</b>	
Clarity	slightly turbid
Color of solution	colorless
Visible impurities	none
Solvent and concentration	25 mg/mL in 80% acetic acid
<b>Identification (TLC)</b>	
R <sub>f</sub> value	complies
<b>Purity (HPLC)</b>	
Purity	99.1%
<b>CAT Enantiomer content (chiral chromatography)</b>	
D-enantiomer	< 0.10% (LOQ)
Method	GC-MS (A.0.3.)
<b>Purity and related impurities (TLC)</b>	
Purity	> 99%
H-Arg-OH	< 0.1%
<b>Assay (titration)</b>	
Assay (titration, net)	96.8%

**Bachem AG**  
Hauptstrasse 144  
4416 Bubendorf  
Switzerland  
Tel.: +41 58 595 2021

**BACHEM**

---

<b>Lot number</b>	<b>1000043303</b>
<b>Catalog number</b>	<b>B-1040.0005</b>
<b>Product</b>	Fmoc-Arg-OH

---

**CAT** Analysis performed by C.A.T. GmbH & Co Chromatographie und Analystechnik KG, Heerweg 10, 72070 Tübingen, Germany

---

This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

---

Date created: December 16, 2020