

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

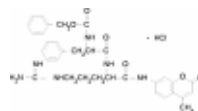
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Z-Phe-Arg 7-amido-4-methylcoumarin hydrochloride - kallikrein substrate

Product Number: C9521
Batch Number: MKBS8188V
Brand: SIGMA
CAS Number: 65147-22-0
MDL Number: MFCD00077030
Formula: C₃₃H₃₆N₆O₆ · HCl
Formula Weight: 649.14 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 20 OCT 2014



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
20 mg/mL in MeOH		
% Water	≤ 10.0	4.4
Purity (HPLC)	≥ 95 %	100 %
Carbon (anhydrous)	59.5 - 63.8 %	61.8 %
Nitrogen (anhydrous)	12.2 - 14.2 %	12.3 %

Ali Ataei, Manager
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.