

3050 Spruce Street, Saint Louis, MO 63103, USA

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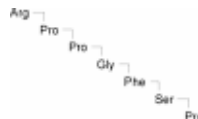
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

ProteoMass™ Bradykinin Fragment 1-7 MALDI-MS Standard - vial of 10 nmol, monoisotopic mol wt 756.3997 Da

Product Number: B4181
Batch Number: SLBG2437V
Brand: SIGMA
CAS Number: 23815-87-4
MDL Number: MFCD00076262
Formula: C35H52N10O9
Formula Weight: 756.9 g/mol
Quality Release Date: 22 APR 2013



Test	Specification	Result
Protein (nanomoles/vial) by BCA	8.0 - 18.0	16.4
µg/vial Protein by BCA	6.1 - 13.6	12.4
Ave of 3 m/z measurements for [M+ H] ⁺	755.51 - 759.29	757.42
MALDI No. of Contaminant Peaks < or = 3 peaks at or above 10% relative abundance of standard peak(100%) above m/z 500 * does not include ions below m/z 500 or ionic species related to the peptide	Pass	Pass
MALDI Contaminant Peaks No peaks > 30% relative abundance of standard peak(100%) above m/z 500 * does not include ions below m/z 500 or ionic species related to the peptide	Pass	Pass
MALDI Na and K adduct peaks < 30% of relative abundance of standard peak(100%)	Pass	Pass

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.

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Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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