

## Certificate of Analysis

Product Name:

ProteoMass™ Peptide MALDI-MS Calibration Kit - Peptide MALDI MS Calibration Standard

**Product Number:** MSCAL2  
**Batch Number:** SLBR2455V  
**Brand:** SIGMA  
**Quality Release Date:** 07 MAY 2012  
**Expiration Date:** DEC 2020

Test	Specification	Result
<u>KIT COMPONENT(S)</u>		
T3693-4ML-KC	SLBM5560V	
Appearance (Turbidity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Concentration	0.9 - 1.1 %	1.0 %
1.0% (v/v)		
Suitability	Suitable	Suitable
Suitable for use in MALDI-MS		
T3443-30ML-KC	071M6023V	
Suitability	Suitable	Suitable
Suitable for use in MALDI.		
P2613-1VL-KC	082K6798	
Suitability	Suitable	Suitable
Suitable for use as a MALDI-MS standard.		
I6154-1VL-KC	SLBL5112V	
Protein (nanomoles/vial)	8.0 - 18.0	10.3
by BCA		
µg/vial	28.0 - 62.9	36.1
Protein by BCA		
Suitability	Suitable	Suitable
Suitable as a standard for MALDI Mass Spectrometry		

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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Test	Specification	Result
B4181-1VL-KC	057K6132	
Protein (nanomoles/vial) by BCA	8.0 - 18.0	12.3
µg/vial Protein by BCA	6.1 - 13.6	9.3
Suitability Suitable for use as a standard for MALDI Mass Spectrometry	Suitable	Suitable
A8846-1VL-KC	SLBM5602V	
Suitability Suitable for use as a standard for MALDI Mass Spectrometry.	Suitable	Suitable
ug protein/vial by Micro BCA Protein Assay	8.4 - 18.8	8.5
nmoles/vial by Micro BCA Protein Assay	8.0 - 18.0	10.3
A8596-30ML-KC	SHBG5336V	
Expiration Date:	DEC 2020	
Suitability Tested and found suitable as a standard for MALDI-MS.	Suitable	Suitable
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
A8346-1VL-KC	SLBF8344V	
Protein (nanomoles/vial) by Micro BCA	8.0 - 18.0	10.5
µg/vial by Micro BCA	19.7 - 44.4	25.8
Suitability Suitable as a standard for MALDI-Mass Spectrometry	Suitable	Suitable

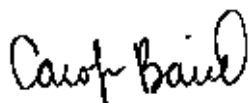
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Batch Number: **SLBR2455V**



Carolyn Baird, Supervisor  
Quality Assurance  
St. Louis, Missouri US

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