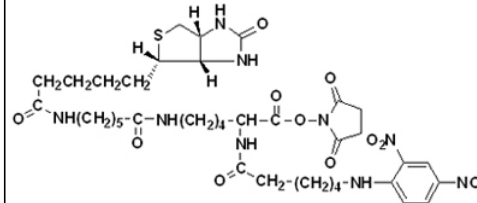
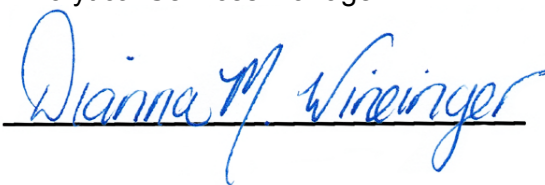


Certificate of Analysis (C of A)											
Name:	DNP-X-biocytyl-X, SE Biotin-X 2,4-Dinitrophenyl-X-L-Lysine, Succinimidyl Ester										
Catalog Number:	6747	Lot:	50910								
CAS Number:	216453-51-9	Formula:	C ₃₈ H ₅₅ N ₉ O ₁₂ S								
Molecular Weight:	861.97 (g/mol)										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 35%;">Observed</th> <th style="width: 35%;">Standard</th> </tr> </thead> <tbody> <tr> <td>HPLC Purity:</td> <td>89% at 254 nm</td> <td>≥ 85% at 254 nm</td> </tr> </tbody> </table>							Observed	Standard	HPLC Purity:	89% at 254 nm	≥ 85% at 254 nm
	Observed	Standard									
HPLC Purity:	89% at 254 nm	≥ 85% at 254 nm									
Absorption (Buffer pH8)											
Wavelength (λ _{max}):	362 nm		362 ± 3 nm								
Extinction:	16,600 cm ⁻¹ M ⁻¹		16,000 ± 1,000 cm ⁻¹ M ⁻¹								
Comments:	HPLC: Deriv with N-Butylamine										
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)										
Production Lot:	15413	Release:	25-Jul-2016	Expiration:	25-Jul-2021						
Structure:											

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 25-Jul-2016

Signature: 

Date: 28-Nov-2022