



CellMosaic, Inc.
10A Roessler Road
Woburn, MA 01801, USA
Phone: 781-463-0002; Fax: 781-998-4694; E-mail: info@cellmosaic.com

Certificate of Analysis

Description of the Material:

- (a) Chemical Name: Rhodopsin nonapeptide (C₁-C₉)
- (b) Peptide sequence: Ac-Thr-Glu-Thr-Ser-Gln-Val-Ala-Pro-Ala-OH (or Ac-TETSQVAPA-OH)
- (c) C-terminal: free
- (d) N-terminal: Acetylated
- (e) Salt: TFA salt
- (f) Chemical Formula: C₃₉H₆₄N₁₀O₁₇•xC₂HF₃O₂•yH₂O
- (g) Molecular Weight: 944.98 (free)
- (h) CAS Registry Number: N/A
- (i) Appearance: White powder
- (j) Amount: 1mg / 5 mg / 25 mg

Material Code and Batch Number:

- (a) Part Number: CM29201
- (b) Lot Number: 0021301

Purity and MS Data:

- (a) HPLC analysis: ≥99.9% (peptide purity)
- (b) MS analysis: 967.26 (M+Na⁺) (Exact Mass: 944.45 Da)

Intended Use: For research and development use only.

Hazard Information: N/A.

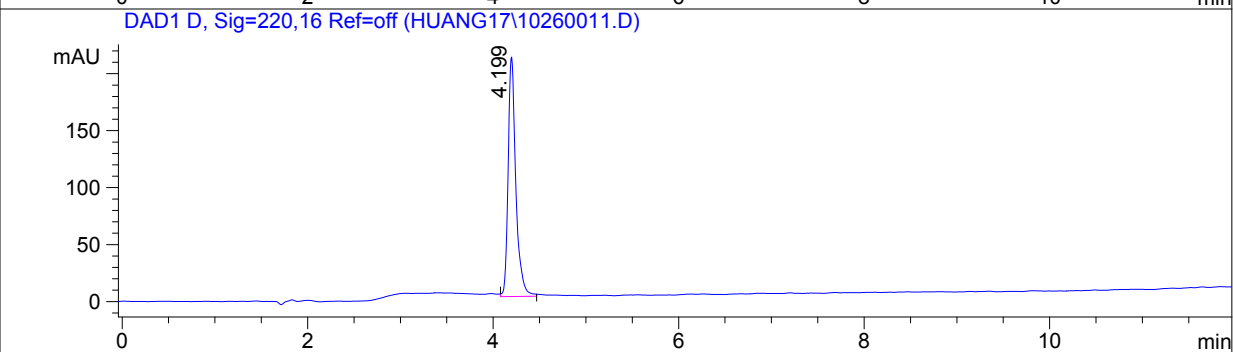
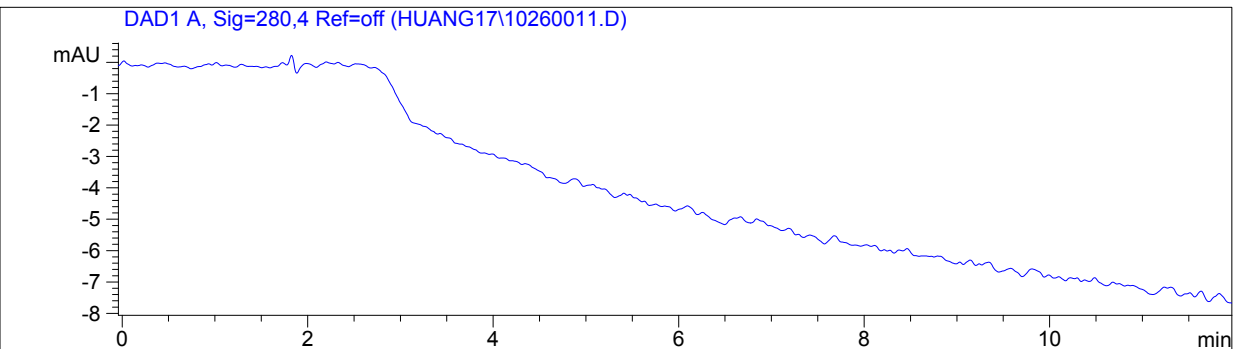
Shelf Life, Storage / Stability: The product is relatively stable as solid at ambient temperature. Recommended storage condition for the product is -20°C.

Expiration Date: 1 year after receiving if stored at -20°C or below.

Data Appendix: C18 HPLC Data.

Data File name: C:\HPCHEM\1\DATA\HUANG17\10260011.D
 Method name: TFALSC6E.M
 Injection Time: 12:09:31 PM
 Injection Date: 10/26/2017

CellMosaic, Inc. Injection Volume: 1.000
 Instrument 1 Sequence Name:
 Data Acquired By: CellMosaic QA Pressure (bar) : 143.980
 Location:Vial 97 Flow (mL/min) : 1.000
 Sample Name:CM29201 Temp (C) : 25.000



#	Meas.RT	Main Peak Area	Main Peak Area %	Main Peak Height
1	4.199	1212.546	100.000	207.506

Total