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: Maleimide Activated KLH ML (Hemocyanin from Megathura crenulata)
(b) Molecule Weight: ~395 KDa
(c) CAS Registry Number: N/A
(d) Appearance: Lyophilized solid
(e) Amount: 2 mg
(f) Reconstitution: Add deionized water to achieve a concentration of 1-10 mg/mL, and use directly for labeling and conjugation reactions

SKU Code and Lot Number:

(a) SKU Code: CM52146-1x2mg
(b) Lot Number: S546.S10.0730D

Purity and Other Information:

(a) Purity: ≥99% conjugates
(b) Other Information: 17 Maleimide groups per KLH determined by the Cy5.5 maleimide assay (Method: S528)

Intended use: For research and development use only.
Solubility: Soluble in water.

Hazard Information: No known OSHA hazards. See SDS for details.

Shelf life, Storage/Stability as Supplied: The product is relatively stable as a solid at ambient temperature. For long-term storage, -20°C is recommended, with -80°C preferred. Reconstituted lyophilized tubes should be used immediately after adding sterile water. If not used right away, they can be stored at 2–8°C for up to 4 hours.

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

Certified by: Yumei Huang
Certifying Officer: Yumei Huang

Date Appendix: HPLC Data

Injection date: Fri, 2. Aug. 2024 Injection Time:12:32:33 PM
C:\HPCHEM\1\DATA\HPLC4_24\08020005.D
Instrument:Instrument 1 Report Style:CM_Exter

CellMosaic, Inc.www.cellmosaic.com
10 A Roessler Road,Woburn, MA 01801,USA.

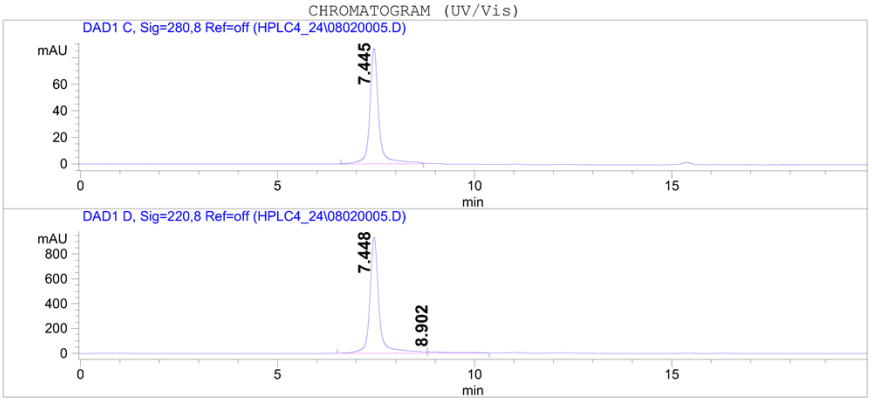
HPLC ANALYSIS DATA

Data Acquired By:QC
Sample Location:Vial 3
Sample Name:S546.S10.0730D

-- SAMPLE INFORMATION --
KLH-Maleimide ML

Actual injection Volume:10.0 uL
Sequence Name:
Method:C:\HPCHEM\1\METHODS\C2-3001.M
Pressure: 39.5 bar
Flow: 0.750 uL/min
Temp (C): 25.0 C

CHROMATOGRAM (UV/Vis)



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 C, Sig=280,8 Ref=off	7.445	1374.1	100.0
DAD1 D, Sig=220,8 Ref=off	7.448	15262.9	96.3
	8.902	586.8	3.7

********END OF REPORT********

Created on:Fri, 2. Aug. 2024 2:45:25 PM Page 1 of 1