b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-14845

Mycobacterium tuberculosis, Strain H37Rv, Purified Sulfolipid-1 (SL-1)

Catalog No. NR-14845

This reagent is the tangible property of the U.S. Government.

Product Description: NR-14845 is a preparation of purified sulfolipid-1 (SL-1) that was extracted from irradiated *Mycobacterium tuberculosis*, strain H37Rv cells.

Lot: 70021817 **Manufacturing Date: 29JAN2019**

Production and QC testing were performed by Colorado State University (CSU). The CSU production documentation for lot 19.Rv.1.28.01.SL is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

Support Provided by NIAID

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Fax: 703-365-2898

WORK SHEET FOR PURIFIED SULFOLIPID (SL)

General Information

BEI Catalog Number: NR-14845
CSU Lot Number: 19.Rv.1.28.01.SL
Species: *M. tuberculosis*
Strain: H37Rv

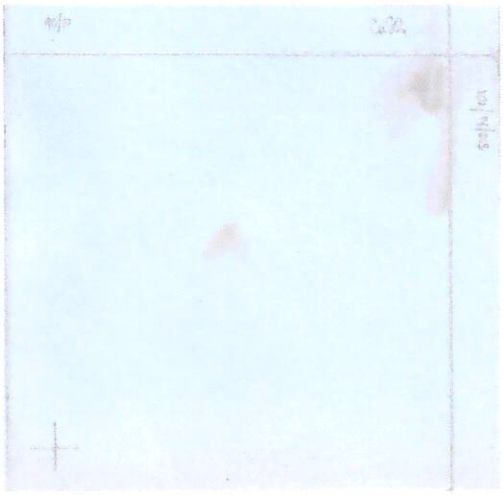
Purification Information

Starting material: 2:1 total lipid
Lot number: 18.Rv.2.5.16.9.WCg.a
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP034, SP031, SP032, SP033, SP037
Date started: 1/10/19
Date completed: 1/29/19
Notebook; page(s): TDM/SL Notebook 4 pp 47-50

Quality Control Information:

Total amount of SL: 4.6 mg
TLC date: 1/28/19
Date dried on N_2 bath: 1/29/19
Notebook and page(s): TDM/SL Notebook 4 pp 56-58

QC TLC:

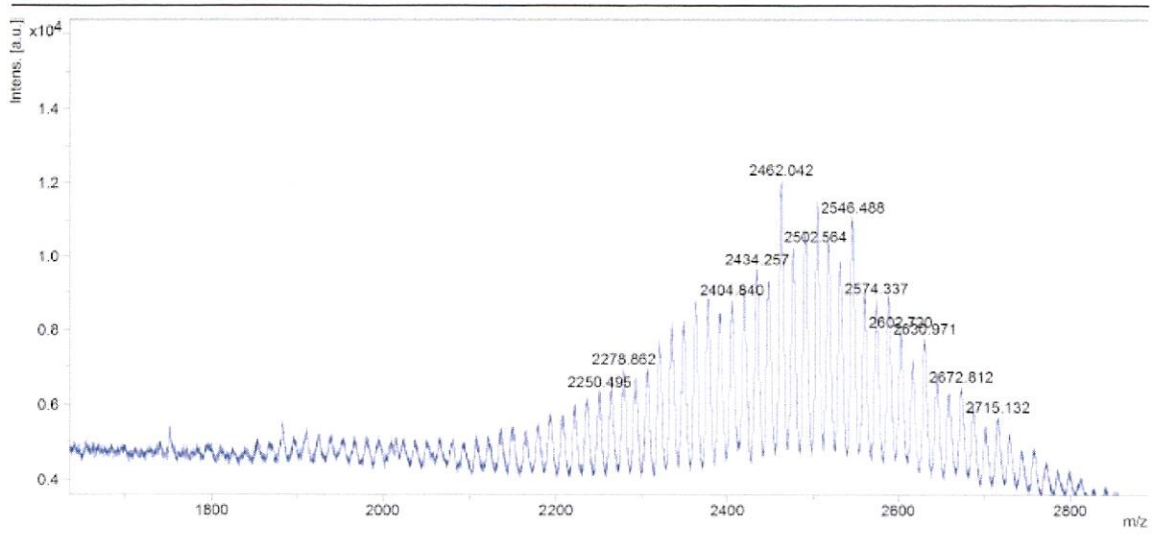


Developed 50 µg first dimension (left to right) in 100/14/0.8 chloroform/ methanol/ water; second dimension (bottom to top) in 90/10 chloroform/ methanol. Stained with $CuSO_4$.

Aliquot Information:

18 x 0.25 mg = 4.5 mg
1 x 0.10 mg = 0.1 mg
4.6 mg

MALDI-TOF:



Loaded 0.5µg SL and overlaid with 0.25 µl DHB matrix and analyzed in negative mode.

(Research Associate) date

(Laboratory Supervisor) date