

Mycobacterium tuberculosis*, Strain HN878, Total Lipids*Catalog No. NR-14839**

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Product Description:

NR-14839 is a preparation of the total cellular lipids of irradiated *Mycobacterium tuberculosis*, strain HN878, including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids.

Lot: 70049268**Manufacturing Date: 20JAN2022**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 22.HN878.01.23.TL is attached.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-14839
CSU Lot Number: 22.HN878.01.23.TL
Species: *M. tuberculosis*
Strain: HN878

Purification Information

Starting material: HN878 cells Starting Material Lot #: 18.HN878.10.17.10 WCgb
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP018.2, SP037, R012, SP031
Date started: 12/27/2021
Date completed: 1/20/2022
Notebook; page(s): BM Notebook #1 pp 28-34
Additional notes (if applicable): A 58.9 g wet weight pellet was lyophilized to 4.11 g, then extracted 3X with 125 mL 2:1. Applied 100 ug Folch-washed lipid to duplicate TLCs for differential staining.

Quality Control Information:

Total volume: 40 mL Total amount of TLIP: 400 mg
Date dried on N₂ bath: 1/21/2022
TLC date: 1/18/2022 Notebook and page(s): BM Notebook #1 pp 33
TLC Solvent System: 65/25/4 chloroform, methanol, water

QC TLC:



Aliquot Information:

20 x 5.0 mg = 100 mg
Remaining 300 mg in bulk

Brian M. Navarro
(Research Associate)

1/21/22
date

C. Sheehy
(Laboratory Supervisor)

1/24/22
date