

Mycobacterium tuberculosis*, Strain H37Rv, Total Lipids*Catalog No. NR-14837**

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Product Description:

NR-14837 is a preparation of the total cellular lipids of irradiated *Mycobacterium tuberculosis*, strain H37Rv, including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids.

Lot: 70080854**Manufacturing Date: 19FEB2026**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 26.H37Rv.02.19.TL 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.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-14837
BEI Lot Number: 70080854
CSU Lot Number: 26.H37Rv.02.19.TL
Species: *M. tuberculosis*
Strain: H37Rv

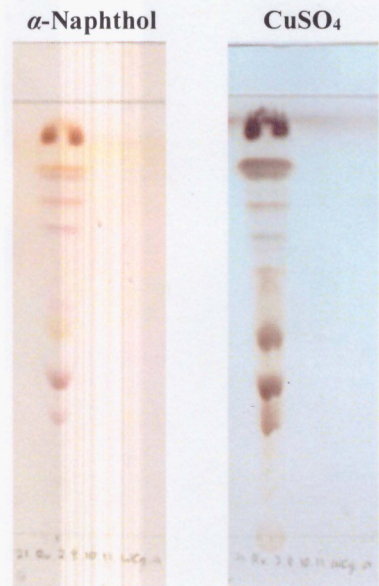
Purification Information

Starting material: H37Rv cells Starting Material Lot #: 21.Rv.2.8.10.11.WCg.a
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP018.2, R011, R012, SP033, SP0031, SP037.1, SP004.2
Date started: 10/30/2025
Date completed: 2/19/2026
Notebook; page(s): Kendall Goldmann Notebook #2 BEI pp 1-9
Additional notes (if applicable): A 76.6g wet weight pellet was lyophilized to 9.608 g, then extracted 3x with 288.2 mL 2:1 chloroform:methanol. Applied 100 µg Folch-washed lipid to duplicate TLCs for differential staining.

Quality Control Information:

Total volume: 156.16 mL Total amount of TLIP: 945.96 mg
Date dried on Rotovapor: N/A
Date dried on N₂ Bath: 2/10/26-2/18/26
TLC date: 11/20/2025 Notebook and page(s): Kendall Goldmann Notebook #2 BEI pp 10-11
TLC Solvent System: 65:25:4 chloroform: methanol: water

QC TLC:



Aliquot Information:

435 mg used for PDIM production. Remaining TL stored in bulk.

Mendell Goldmann 3/27/26
(Research Associate) Date

[Signature] 03/27/2026
(Laboratory Supervisor) Date