

***Mycobacterium tuberculosis*, Strain H37Rv, Acetone-Soluble Lipids****Catalog No. NR-14842**

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**Product Description:**

NR-14842 is a preparation of acetone-soluble cellular lipids extracted from *Mycobacterium tuberculosis* (*M. tuberculosis*), strain H37Rv. Total cellular lipids were triturated in acetone at -20°C. The resulting supernatant containing the acetone-soluble lipid fraction was then dried under a nitrogen bath.

**Lot: 70053418****Manufacturing Date: 02FEB2023**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 23.H37Rv.02.02.01.ac-sol.TL is attached.

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**WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)**

**General Information**

BEI Catalog Number: NR-14842  
CSU Lot Number: 23.H37Rv.02.02.01.ac-sol-.TL  
Species: M. tuberculosis  
Strain: H37Rv

**Purification Information**

Starting material: H37Rv cells Starting Material Lot #: 18.Rv.2.5.2.8.WCg.a  
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected  
Protocol used (SOP #'s): PP036.1  
Date started: 1/30/2023  
Date completed: 2/2/2023  
Notebook; page(s): BM Notebook #1, pg. 72 - 74  
Additional notes (if applicable): H37Rv total lipid (50 mg) was triturated in cold acetone overnight and the supernatant was collected by centrifugation.

**Quality Control Information:**

Total amount of TLIP: 39 mg Date dried on N<sub>2</sub> bath: 2/2/2023  
TLC date: 2/2/2023 Notebook and page(s): BM Notebook #1, pg. 73-74  
TLC Solvent System: Loaded 50 ug and developed in 65/25/4 chloroform/methanol/water

**QC TLC:**



**Aliquot Information:**

20 x 0.5 mg = **10 mg total**  
1 x 29 mg = 29 mg total

BM  
(Research Associate)

2/2/23  
date

PA Staudenbauer 2/2/23  
(Laboratory Supervisor) date