

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*, strain H37Rv. Total cellular lipids were triturated in acetone at -20°C. The resulting suspension was then centrifuged and the pellet resuspended in chloroform/methanol (2:1) to obtain the acetone-insoluble lipid fraction.

Lot: 70034337**Manufacturing Date: 18FEB2020**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 20.H37Rv.02.14.01.ac-sol.TL is attached.

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ACETONE-SOLUBLE TOTAL LIPID

General Information

BEI Catalog Number: NR-14842
CSU Lot Number: 20.H37Rv.02.14.01.ac-sol.TL
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: H37Rv cells Starting Material Lot #: 18.Rv.2.8.22.10.WCg.a
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP018.1, PP036.1, SP031, SP033
Date started: 1/28/20
Date completed: 2/18/20
Notebook; page(s): Total Lipids I pp 87-88
Additional notes: Total Rv lipid (50.0 mg) was triturated into cold acetone overnight, and the precipitate collected by centrifugation. The acetone-soluble supernatant was dried by rotary evaporation.

Quality Control Information:

Total amount of TL: 15.5 mg Date dried on N₂ bath: 2/18/20
TLC date: 2/14/20 Notebook and page(s): Total Lipids I pp 88-89
TLC Solvent System: Loaded 100 µg and developed in 65/25/4 chloroform/methanol/water

QC TLC:

CuSO₄ α-naphthol



Aliquot Information:

31 x 0.5 mg = 15.5 mg

Dany Adams 6/15/20
(Research Associate) date

C. Mahaffy 6/16/20
(Laboratory Supervisor) date