

***Mycobacterium tuberculosis*, Strain H37Rv, Acetone Insoluble Lipids****Catalog No. NR-14843**

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

**Product Description:** NR-14843 is a preparation of acetone insoluble cellular lipids extracted from *Mycobacterium tuberculosis* (*M. tuberculosis*), strain H37Rv. Total cellular lipids were triturated in acetone at -20°C over a two-week period. The resulting suspension was then centrifuged and the pellet resuspended in chloroform/methanol (2:1) to obtain the acetone-insoluble lipid fraction.

**Lot: 61131363****Manufacturing Date: 13JUL2012**

QC testing was performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH). The Colorado State University documentation for lot 12.H37Rv.07.11.1.Ac-insol.TL is attached.

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## Acetone-Insoluble Total Lipid

### General Information

Product Lot Number: 12.H37Rv.07.11.1.Ac-insol.TL  
Species: M. tuberculosis  
Strain: H37Rv

### Purification Information

Starting material: Total lipid from  $\gamma$ -irradiated H37Rv cells  
Starting Material Lot #: 11.Rv.2.10.24.9.WCg  
Protocol used (SOP #'s): PP036, SP031, SP033, SP037  
Date started: 6/21/12  
Date completed: 7/13/12  
Notebook; page(s): Lipids Notebook 6 pp 42-45

Additional notes: Triturated 2:1 chloroform/methanol total lipid at 5 mg/ml into acetone (-20°C) overnight. The suspension was centrifuged and the pellet resuspended in 2:1 to obtain the acetone-insoluble fraction.

### Quality Control Information:

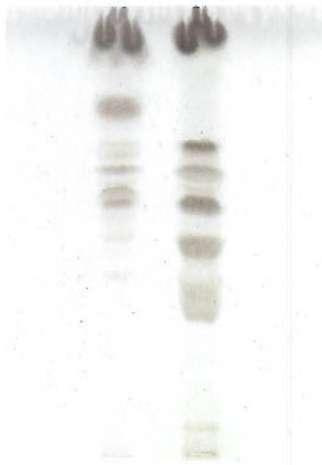
Total volume: 10.0 ml Total amount of lipid: 50.0 mg  
Date dried on N<sub>2</sub> bath: 7/13/12  
TLC date: 7/11/12 Notebook and page(s): Lipids Notebook 6 p46  
TLC Solvent System: 65/25/4 chloroform/methanol/water, loaded 100 ug

### QC TLC:

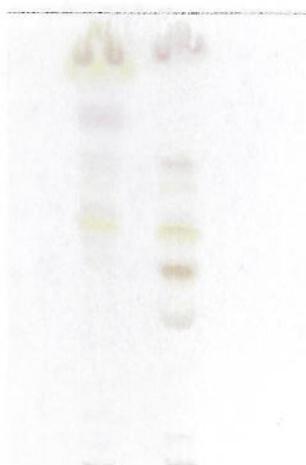
CuSO<sub>4</sub>

$\alpha$ -naphthol

Aliquot information



Ac-sol Ac-insol



Ac-sol Ac-insol

100 x 0.5 mg = 50.0 mg

Dany Curfesa 7/13/12  
(Research Associate) date

[Signature] 7/13/2012  
(Laboratory Supervisor) date