

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

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**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: 62575030****Manufacturing Date: 13MAY2014**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 14.H37Rv.05.13.1.Ac-insol.TL is attached.

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## Acetone-Insoluble Total Lipid

### General Information

Product Lot Number: 14.H37Rv.05.13.1.Ac-insol.TL  
Species: M. tuberculosis  
Strain: H37Rv

### Purification Information

Starting material: Total lipid from  $\gamma$ -irradiated H37Rv cells  
Starting Material Lot #: 13.Rv.2.6.25.4.WCg  
Protocol used (SOP #'s): PP036, SP031, SP033, SP037  
Date started: 5/7/14  
Date completed: 5/13/14  
Notebook; page(s): Lipids Notebook 7 pp 46-47

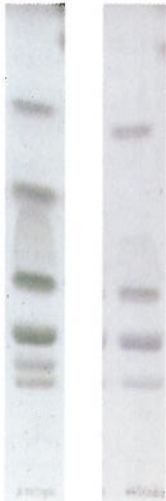
Additional notes: Triturated 2:1 chloroform/methanol total lipid at 5 mg/ml into acetone (-20°C) overnight. The suspension was centrifuged and the pellet resuspended in 2:1 to obtain the acetone-insoluble fraction.

### Quality Control Information:

Total volume: 2.6 ml Total amount of lipid: 13.0 mg  
Date dried on N<sub>2</sub> bath: 5/13/14  
TLC date: 5/13/14 Notebook and page(s): Lipids Notebook 7 pp 48-49  
TLC Solvent System: 65/25/4 chloroform/methanol/water, loaded 50 ug

### QC TLC:

#### CuSO<sub>4</sub> $\alpha$ -naphthol



#### Aliquot information

26 x 0.5 mg = 13.0 mg

Danny C. Jessor 5/14/14  
(Research Associate) date

[Signature] 5/14/14  
(Laboratory Supervisor) date