

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 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: 62575029**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-sol.TL is attached.

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Acetone-Soluble Total Lipid

General Information

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

Purification Information

Starting material: Total lipid from γ -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

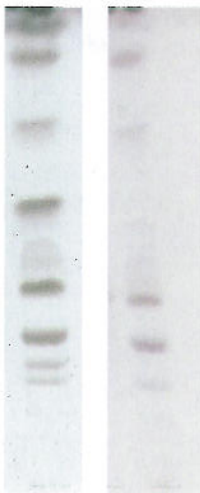
Additional notes: Triturated 2:1 chloroform/methanol total lipid at 5 mg/ml into acetone (-20°C) overnight. The suspension was centrifuged and the supernatant dried by rotary evaporation, then resuspended in 2:1 to obtain the acetone-soluble fraction.

Quality Control Information:

Total volume: 5.98 ml Total amount of lipid: 29.9 mg
Date dried on N₂ bath: 5/14/14
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:

CuSO₄ α -naphthol



Aliquot information

35 x 0.5 mg = 17.5 mg
1 x 12.4 mg = 12.4 mg
29.9 mg

Dan C. Jensen 5/14/14
(Research Associate) date

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