

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

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

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: 60410234**Manufacturing Date: 03OCT2011**

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 11.H37Rv.10.1.01.Ac-sol.TL is attached.

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.
You are authorized to use this product for research use only. It is not intended for human use.



Acetone-Soluble Total Lipid

General Information

Product Lot Number: 11.H37Rv.10.1.01.Ac-sol.TL
Species: M. tuberculosis
Strain: H37Rv

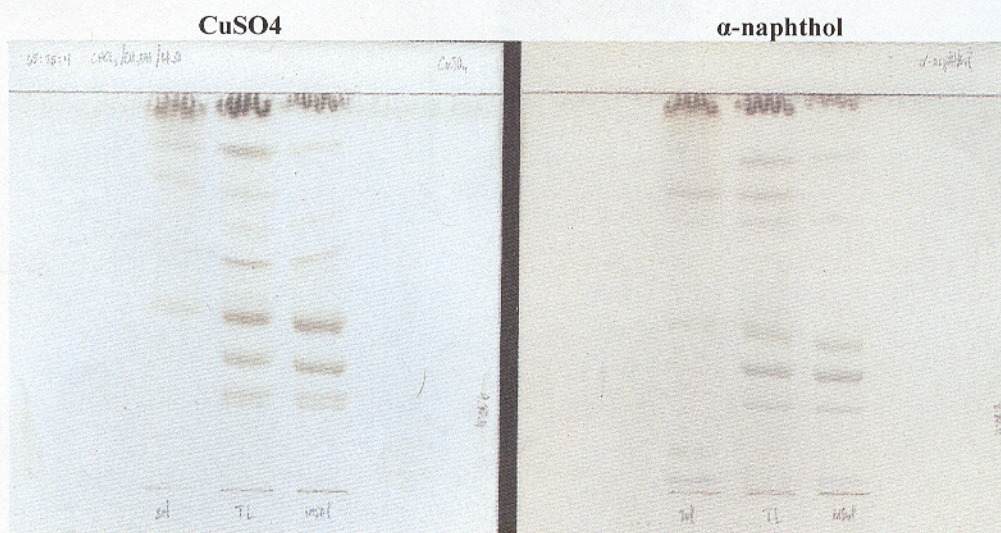
Purification Information

Starting material: Total lipid from γ -irradiated H37Rv cells
Starting Material Lot #: 05.Rv.03.31.lw.TLIP
Protocol used (SOP #'s): PP026.1, SP031, SP032, SP033, SP037
Date started: 9/15/11
Date completed: 10/3/11
Notebook; page(s): Native Cell Wall Materials I pp 98-99
Additional notes: Approximately 20 mg 2:1 CHCl₃/CH₃OH-extracted total lipid was triturated at 5 mg/ml into acetone over a 2 week period at -20°C. The suspension was centrifuged and the pellet resuspended in 2:1 to obtain the acetone-insoluble fraction.

Quality Control Information:

Total volume: 2.2 ml Total amount of lipid: 11.0 mg
Date dried on N₂ bath: 10/1/11
TLC date: 9/30/11 Notebook and page(s): Native Cell Wall Materials I p 99
TLC Solvent System: 65:25:4 chloroform/methanol/water

QC TLC:



<u>Lane</u>	<u>Sample</u>	<u>Aliquot information</u>
1	acetone-soluble lipid	10 x 0.5 mg = 5.0 mg
2	total lipid	1 x 6.0 mg = 6.0
3	acetone-insoluble lipid	11.0 mg

Dany C. Jansen 10/4/11
(Research Associate) date

[Signature] 10/4/11
(Laboratory Supervisor) date