

***Mycobacterium leprae* Total Lipids****Catalog No. NR-19332**

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

**Product Description:** NR-19332 is a preparation of the total cellular lipids of *Mycobacterium leprae*, including those with known biological activities, including phenolic glycolipid I (PGL-I), II and III and dimycocerosate (DIM).

**Lot: 60692637****Manufacturing Date: 01JUN2012**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 12.Mle.6.1.01.TL is attached.

ATCC<sup>®</sup>, 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<sup>®</sup>'s knowledge.

ATCC<sup>®</sup> 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.



# WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

## General Information

Product Lot Number: 12.Mle.6.1.01.TL  
Species: M. leprae  
Strain: NHDP-98

## Purification Information

Starting material: M. leprae cells kept at -80°C Starting Material Lot #: 7R93 Spleen #1 12/9/11  
Protocol used (SOP #'s): PP018, SP031, SP033  
Date started: 5/14/12  
Date completed: 6/1/12  
Notebook; page(s): Lipids Notebook 6 pp 34-37

## Quality Control Information:

Total volume: 5.6 ml Total amount of TLIP: 28.0 mg  
Date dried on N<sub>2</sub> bath: 5/31 - 6/1/12  
TLC date: 5/29/12 Notebook and page(s): Lipids Notebook 6 pp 38-41  
TLC Solvent System: 65/25/4 chloroform/methanol/water

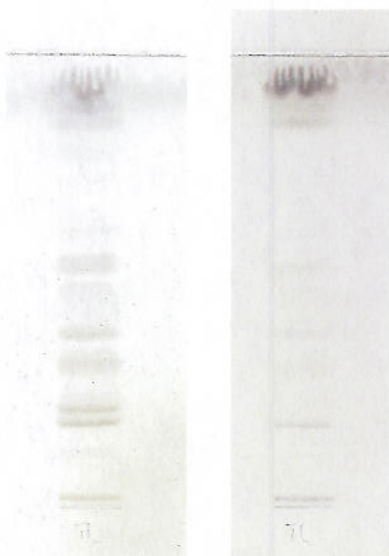
## QC TLC:

$\alpha$ -naphthol

CuSO<sub>4</sub>

Aliquot information

56 x 0.5 mg = 28.0 mg



Loaded 50 ug Folch-washed total lipid.

Danny Crivello 6/4/12  
(Research Associate) date

[Signature] 6/12/2012  
(Laboratory Supervisor) date