

Mycobacterium tuberculosis*, Strain HN878, Total Lipids*Catalog No. NR-14839**

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

Product Description: NR-14839 is a preparation of the total cellular lipids of *Mycobacterium tuberculosis*, strain HN878, including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids.

Lot: 62024478**Manufacturing Date: 18SEP2013**

Production and QC testing were performed by Colorado State (CSU). The CSU documentation for lot 13.HN878.9.18.01.TLIP 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.



WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

Product Lot Number: 13.HN878.9.18.01.TLIP
Species: M. tuberculosis
Strain: HN878

Purification Information

Starting material: 2:1-inactivated H37Rv cells Starting Material Lot #: 13.HN878.8.20.5.WCg
Protocol used (SOP #'s): PP018, SP031, SP033
Date started: 9/4/13
Date completed: 9/18/13
Notebook; page(s): Total Lipid Notebook 1 pp 3-6
Additional notes (if applicable): Starting wet weight 50.3 g cells

Quality Control Information:

Total volume: 76.0 ml Total amount of TLIP: 380.0 mg
Date dried on N₂ bath: 9/23/13
TLC date: 9/18/13 Notebook and page(s): TL Notebook 1 p 9
TLC Solvent System: 65/25/4 chloroform/methanol/water

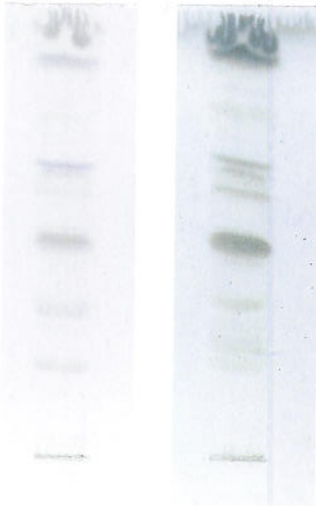
QC TLC:

α -naphthol

CuSO₄

Aliquot information

20 x 5.0 mg = 100.0 mg
14 x 20.0 mg = 280.0
380.0 mg



Amy C. Jansen 9/23/13
(Research Associate) date

[Signature] 9/23/2013
(Laboratory Supervisor) date