

# **Certificate of Analysis for NR-14839**

## 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: 63356337 Manufacturing Date: 23FEB2015

Production and QC testing were performed by Colorado State (CSU). The CSU documentation for lot 15.HN878.2.19.01.TLIP 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.

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BEI Resources www.beiresources.org E-mail: contact@beiresources.org
Tel: 800-359-7370

Tel: 800-359-7370 Fax: 703-365-2898

#### WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

#### **General Information**

 Product Lot Number:
 15.HN878.2.19.01.TLIP

 Species:
 M. tuberculosis

 Strain:
 HN878

#### **Purification Information**

#### **Quality Control Information:**

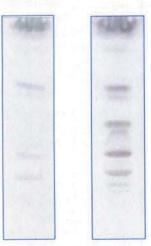
Total amount of TLIP: 990.0 mg

TLC date: 2/19/15 Notebook and page(s): TL Notebook 1 pp 31-32

TLC Solvent System: 65/25/4 chloroform/methanol/water

### QC TLC:

α-naphthol CuSO<sub>4</sub>



#### **Aliquot information**

 $\frac{30 \text{ x}}{1 \text{ x } 840.0 \text{ mg}} = 150.0 \text{ mg} \\ \frac{1 \text{ x } 840.0 \text{ mg}}{990.0 \text{ mg}}$ 

(Research Associate) date

(Laboratory Supervisor)

date