

Mycobacterium tuberculosis*, Strain H37Rv, Purified Trehalose Dimycolate (TDM)*Catalog No. NR-14844**

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

Product Description:

NR-14844 is a preparation of purified trehalose dimycolate (TDM) that was extracted from the lipid fraction obtained from irradiated *Mycobacterium tuberculosis*, strain H37Rv cells. Following purification steps, the TDM was dried under nitrogen gas.

Lot: 70029295**Manufacturing Date: 13FEB2020**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 20.Rv.02.28.01.TDM 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 TREHALOSE DIMYCOLATE (TDM)

General Information

BEI Catalog Number: NR-14844
CSU Lot Number: 20.Rv.02.28.01.TDM
Species: M. tuberculosis
Strain: H37Rv

Purification Information

Starting material: H37Rv Whole Cells
Lot number: 18.Rv.2.8.22.10.WCg.a
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP029.2, SP031, SP032, SP033, SP037
Date started: 09/08/19
Date completed: 02/13/20
Notebook; page(s): Lipids 9 pgs. 1-41

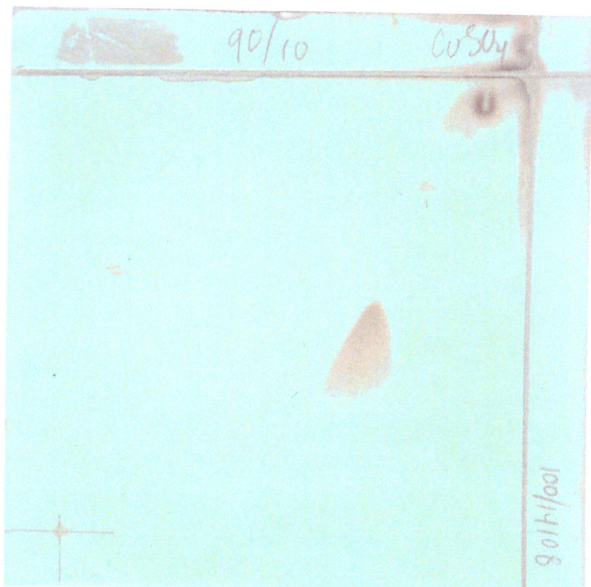
Quality Control Information:

Total amount of TDM: 1.6 mg Date dried on N₂ bath: 02/13/20
TLC date: 02/13/20 Notebook and page(s): Lipids 9 pg. 42

TLC Analysis:

Developed 100 µg first dimension (left to right) in 100/14/0.8 chloroform/methanol/water; second dimension (bottom to top) in 90/10 chloroform/methanol.

Stained with CuSO₄ and charring.



Aliquot Information:

6 x 0.25 mg = 1.5 mg total
1 x 0.1 mg = 0.1 mg total

Kala G. G. G.
(Research Associate)

2/28/20
date

C. McHaffey
(Laboratory Supervisor)

3/2/2020
date