

Mycobacterium bovis*, Strain AF 2122/97 (ATCC® BAA-935™), Total Lipids*Catalog No. NR-44100**

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

Product Description: NR-44100 is a preparation of the total cellular lipids of *Mycobacterium bovis* (*M. bovis*), strain AF 2122/97 (ATCC® BAA-935™), including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids.

Lot: 70005744**Manufacturing Date: 13MAR2018**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 18.Mbov.3.13.01.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.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

BEI Catalog Number: NR-44100
CSU Lot Number: 18.Mbov.3.13.01.TL
Species: M. bovis

Purification Information

Starting material: M.bovis cells Starting Material Lot #: 17.BAA935.11.8.7.WCg
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP018.1, SP031, SP033
Date started: 2/26/18
Date completed: 3/13/18
Notebook; page(s): Total Lipids I pp 55-56

Quality Control Information:

Total amount of TLIP: 254.6 mg Date dried on N₂ bath: 3/12/18
TLC date: 3/13/18 Notebook and page(s): Total Lipids I pp 57
TLC Solvent System: 65/25/4 chloroform/methanol/water

QC TLC:

CuSO₄ α-naphthol



Loaded 100 ug total lipid in duplicate for differential staining.

Aliquot Information:

25 x 5.0 mg = 125.0 mg
2 x 50.0 mg = 100.0 mg
1 x 29.6 mg = 29.6 mg
254.6 mg

[Signature] 3/13/18
(Research Associate) date

[Signature] 3/14/18
(Laboratory Supervisor) date