

Mycobacterium canetti* Total Lipids*Catalog No. NR-40334**

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Product Description: NR-40334 is a preparation of the total cellular lipids of *Mycobacterium canetti* including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids. The culture was grown to late-log phase in glycerol-alanine-salts medium, washed with PBS, inactivated by gamma irradiation and dried. The cellular lipids were extracted with 30 mL of chloroform/methanol (2:1) per gram of cells at 55°C for 18 hours. Cells were removed by filtration and contaminating hydrophilic molecules were removed by biphasic partitioning with water (Folch Wash). The organic phase of the Folch wash was collected and dried.

Lot: 61444482**Manufacturing Date: 20SEP2012**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for lot 12.Mca.9.19.01.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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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.Mca.9.19.01.TL
Species: M. canetti

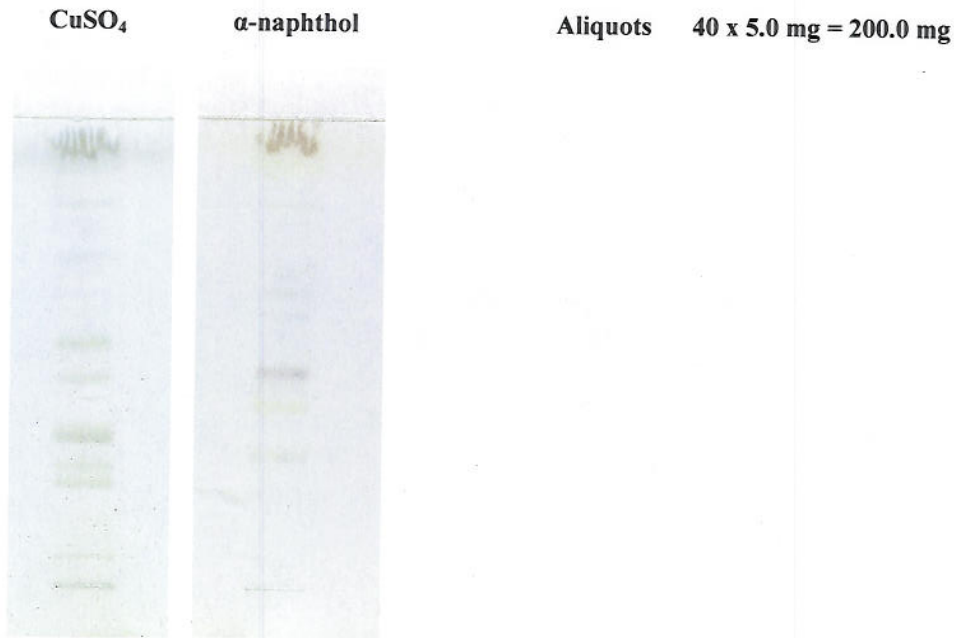
Purification Information

Starting material: γ -irradiated M. canetti cells Starting Material Lot #: 12.canetti.4.25.4.WCg
Protocol used (SOP #'s): PP018, SP031, SP032, SP033, SP037
Date started: 6/22/12
Date completed: 9/20/12
Notebook; page(s): Lipids Notebook 6 pp 49-53

Quality Control Information:

Total volume: 40.0 ml Total amount of TLIP: 200.0 mg
Date dried on N₂ bath: 9/21/12
TLC date: 9/19/12 Notebook and page(s): PGL Notebook 2 pp 87-88, 103-104
TLC Solvent System: 65/25/4 chloroform/methanol/water

QC TLC:



Dan Cohen 10/17/12
(Research Associate) date

[Signature] 10/17/12
(Laboratory Supervisor) date