

***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: 59401230

Manufacturing Date: 04MAR2010

QC testing was performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH). The Colorado State University documentation for Lot: 10.HN878.2.28.1.TL is attached.

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WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

General Information

Product Lot Number: 10.HN878.2.28.1.TLIP
Species: M.tuberculosis
Strain: HN878

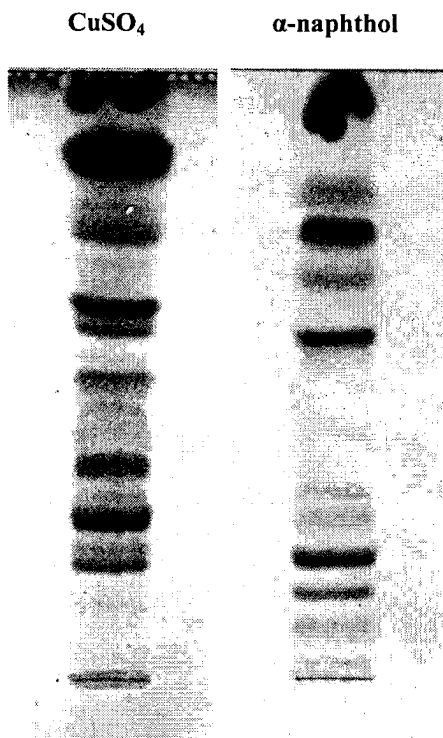
Purification Information

Starting material: γ-irradiated HN878 cells Starting Material Lot #: 09.HN878.7.15.9.WCg.1
Protocol used (SOP #'s): PP018, SP031, SP033, SP037
Date started: 2/23/10
Date completed: 3/4/10
Notebook: Native Cell Wall Materials I pp 80-82
Additional notes: Starting wet weight 58.1 g, lyophilized 3 days to dry weight 8.037 g.

Quality Control Information:

Total volume: 30.35 ml Total amount of TLIP: 1200.0 mg
TLC date: 3/3/10 Notebook: Native Cell Wall Materials I pp 83-84
TLC Solvent System: 65/25/4 chloroform/methanol/water
Date dried on N₂ bath: 3/4/10

QC TLC:



Loaded 390 µg total lipid per lane.

Aliquot Information

240.0 mg x 5 = 1200.0 mg

Danny C. Jessor 3/4/10
(Research Associate) date

[Signature] 3/5/2010
(Laboratory Supervisor) date