

***Mycobacterium leprae*, Phthiocerol Dimycocerosate****Catalog No. NR-20804**

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

**Product Description:** NR-20804 is a preparation of phthiocerol dimycocerosate (PDIM) derived from the total cellular lipids of *Mycobacterium leprae*.

**Lot: M.lepDIM.JT.10.1.10****Manufacturing Date: 01OCT2010**

QC testing was performed by Colorado State University under the Leprosy Research Support Contract (NIH). The Colorado State University documentation for lot M.lepDIM.JT.10.1.10 is attached.

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You are authorized to use this product for research use only. It is not intended for human use.



QUALITY CONTROL SHEET FOR *M. leprae* DIMYOCEROSATE

General Information

Product Lot Number: M.lepDIM.JT.10.1.10  
 BEI Catalogue Number: NR-20804  
 Fraction Type: M. leprae DIM  
 Species: Mycobacterium leprae  
 Strain: N/A

Purification Information

Starting material: 6 mg DIM produced by Bruce Gregory in 2002  
 Date started: unknown Date completed: unknown  
 Notebook; page(s): Jarrett Trembly, lipid fractionation notebook (2010), pp. 60-62  
 Additional notes (if applicable): DIM checked by thin layer chromatography using 98:2 petroleum ether:ethyl acetate as solvent, then aliquoted in glass vials

Quality Control Information:

Total volume: unknown Total amount of DIM: 5.5 mg  
 Date dried on nitrogen: 10/1/10  
 TLC date: 10/1/10 Notebook and page(s): lipid fractionation notebook pp 60-62  
 TLC Solvent System: 98:2 petroleum ether:ethyl acetate

QC TLC:

TLC crude lipid DIM



Aliquot Information:

22 x 0.25 mg = 5.5 mg total

(Research Associate) 10/1/10 date

(Laboratory Supervisor) 10/1/10 date