Mycobacterium leprae Deacylated Phenolic Glycolipid-I (PGL-I) and Fatty Acids from PGL-I

Catalog No. NR-19343
This reagent is the tangible property of the U.S. Government.

Product Description:  NR-19343 was produced by hydrolysis of PGL-I followed by extraction with chloroform. Application of the chloroform phase to a Waters Sep-Pak silica cartridge and elution with chloroform provides the fatty acids. Additional elution with 5% methanol in chloroform provides the deacylated PGL-I.

Lot:  M.lepdeacylated.PGL-I.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 is attached.

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# QUALITY CONTROL SHEET FOR M. leprae DEACYLATED PGL-I

## General Information

**Product Lot Number:** M. lepdeacylated.PGL-I.10.1.10

**Fraction Type:** M. lep deacylated PGL-I

**Species:** Mycobacterium leprae

**Strain:** N/A

## Purification Information

**Starting material:** 7 mg deacylated PGL-I (NaOH treated) 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):** deacylated PGL-I checked by thin layer chromatography using 90:10:1 chloroform:methanol:water as solvent, then aliquoted in glass vials

## Quality Control Information:

**Total volume:** unknown  
**Total amount of deacylated PGL-I:** 7.0 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:** 90:10:1 chloroform:methanol:water

## QC TLC:

**TLC**  
native  
deacyl. PGL-I

## Aliquot Information:

28 x 0.25 mg = 7.0 mg total

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(Research Associate) 10/1/10 date  
(Laboratory Supervisor) 10/1/10 date