

Mycobacterium tuberculosis*, Strain H37Rv, Purified Phosphatidylinositol Mannoside 6 (PIM₆)*Catalog No. NR-14847**

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Product Description: NR-14847 is a preparation of the purified phosphatidylinositol mannoside 6 (PIM₆) cell wall glycolipids of irradiated *Mycobacterium tuberculosis*, strain H37Rv. The soluble organic fraction was extracted from irradiated cells, dried and titrated with cold acetone. The acetone-insoluble fraction was then applied to preparative thin-layer chromatography plates. PIMs were purified from the dried matrix using 40% methanol in chloroform.

Lot: 62976463**Manufacturing Date: 24OCT2016**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 16.Rv.10.24.SSP.PIM₆ is attached.

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WORK SHEET FOR PURIFIED PIM6

General Information

Lot Number: 16.Rv.10.24.SSP.PIM6
Species: *Mycobacterium tuberculosis*
Strain: H37Rv

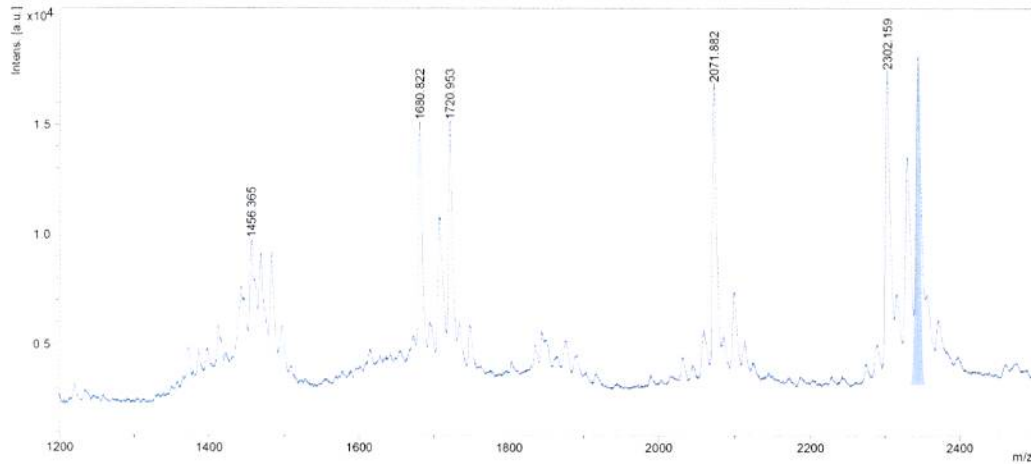
Purification Information

Starting material (lot #): 14.Rv.2.6.10.4.WCg.b
Cell amount (wet weight): 85.4g
Protocol used (SOP #): PP015.5, PP016.5, PP017.3
Date started: 06/29/16
Date completed: 10/24/2016
Notebook; pages: KN LAM, p. 3, and SSP BEI#2 pp. 1-30
Additional notes (if applicable): _____

Quality Control Information

Clarity of product: slightly cloudy
Endotoxin amount: 7.6 ng/mg Notebook and page(s): SSP BEI#2 pg. 30
GC Results: 2.5 mg/ml Notebook and page(s): SSP BEI#2 pg. 6
Total amount of PIM6: 3.75 mg
Silver stain date: 09/21/16 Notebook and page(s): SSP BEI#2 pg. 15

QC MALDI-TOF and Silver Stain:



Aliquot Information:

15 vials @ 250µg

Stephany 10-26-16
(Research Associate) (date)

C. McHaffey 10-26-16
(Laboratory Supervisor) (date)