

***Mycobacterium tuberculosis*, Strain H37Rv, Purified Phosphatidylinositol Mannoside 6 (PIM<sub>6</sub>)****Catalog No. NR-14847**

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

**Product Description:** NR-14847 is a preparation of the purified phosphatidylinositol mannoside 6 (PIM<sub>6</sub>) cell wall glycolipids of *Mycobacterium tuberculosis*, strain H37Rv. The soluble organic fraction was extracted from 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: 61699473****Manufacturing Date: 11APR2013**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for lot 13.Rv.2.2.27.SOS.PIM<sub>6</sub> is attached.

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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 PIM<sub>6</sub>

## General Information

Lot Number: 13.Rv.2.2.27.SOS.PIM6  
Species: *M. tuberculosis*  
Strain: H37RV

## Purification Information

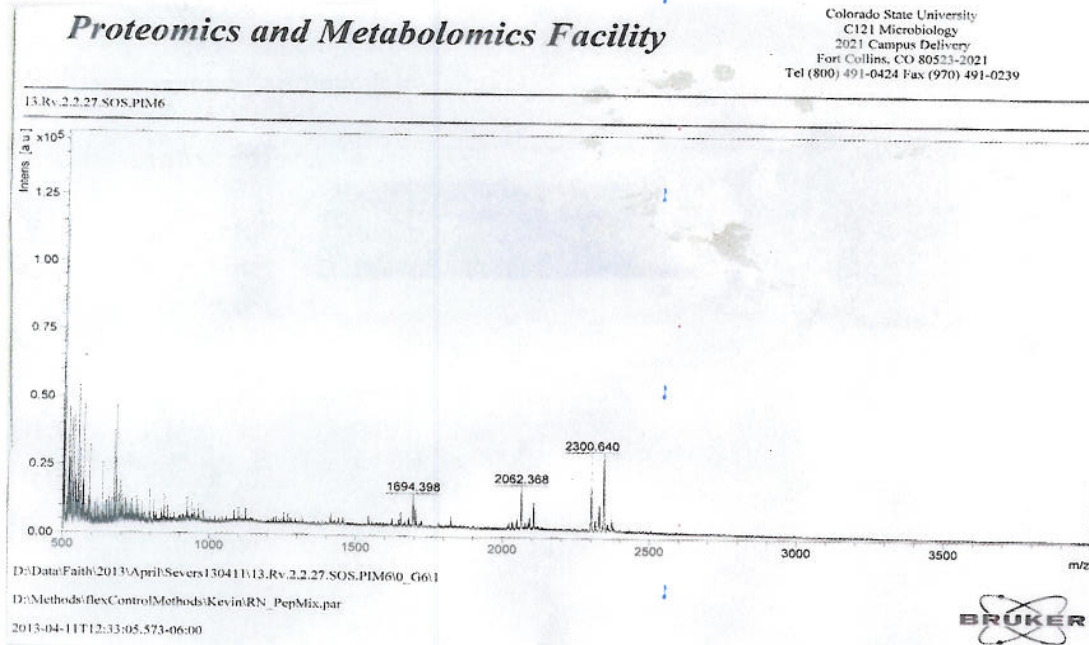
Starting material (lot #): Pooled from lots 10.Rv.2.3.15.KS.LLP, 11.Rv.2.9.12.6.WCg, and 10.Rv.2.12.6.8.WCg  
Cell amount (wet weight): N/A  
Protocol used (SOP #): PP015.1, PP016.3, PP017.2  
Date started: 02 / 27 / 2013  
Date completed: 04 / 11 / 2013  
Notebook; pages: Shane Orlin Severs; SOS-Rv; pages 1-10  
Additional notes (if applicable):

## Quality Control Information

Endotoxin amount: 6.75 ng ET / mg PIM6  
GC Results: 0.84 mg/ml  
Total volume: 5.65 ml  
Silver stain date: 04 / 10 / 2013

Notebook and page(s): SOS-Rv, 8  
Notebook and page(s): SOS-Rv, 6-7  
Total amount of PIM6: 4.75 mg  
Notebook and page(s): SOS-Rv, 9

## MALDI-TOF



## Silver Stain



**Aliquot Information:**  
19 vials @ 250 ug each  
Total: 4750 ug in inventory

(Research Associate)(date)

April 16<sup>th</sup>, 2013

(Laboratory Supervisor)

(date)

4/17/2013