

Mycobacterium tuberculosis*, Strain H37Rv, Purified Lipomannan (LM)*Catalog No. NR-14850**

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Product Description:

NR-14850 is a preparation of the lipomannan (LM) derived from the cell wall of irradiated *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70052331**Manufacturing Date: 25JUL2022**

Production and QC testing were performed by Colorado State University (CSU). The CSU production documentation for lot 22.Rv.07.25.LM is attached.

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WORK SHEET FOR LM

General Information

BEI Catalog Number: NR-14850
CSU Lot Number: 22.Rv.07.25. LM.
Species: *Mycobacterium tuberculosis*
Strain: H37Rv

Purification Information

Starting material (lot #): Pooled cells (Danny Hesser, Notebook #10, pg 1-3). See additional notes below
Cells Irradiated: Yes
Viability Test Performed: No Viable Organism Detected
Cell amount (wet weight): ~46.7 g delipidated cells (from approximately 340 g wet weight of cells)
Protocol used (SOP #): PP015.6, PP016.6, and PP017.3
Date started: 5/24/22
Date completed: 07/25/22
Notebook; pages: Megan Stookey NB1: pgs 1-50
Additional notes (if applicable): A large pool of irradiated cells was delipidated and used for starting material. Approximately 1/9 of the total amount of cells (420 g delipidated cells total) was separated for this batch of product

Quality Control Information

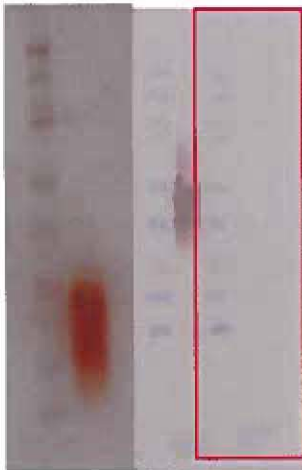
NMR results: pass
Endotoxin assay used: EndoZyme II
Endotoxin amount: 0.202 ng/mg
GC Results: 5.110 mg/ml
Total amount of LM: 21 mg
Silver stain date: 07/20/22
Western blot date: 07/20/22 Antibody used: CS35
Amount Loaded on gels: 3 µg

Notebook and page(s): Megan Stookey NB1: pg.38

Notebook and page(s): Megan Stookey NB 1: pg 50
Notebook and page(s): Megan Stookey NB1 pg.47

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QC Gel:



Anti-LAM WB showing no LAM

Aliquot Information:

30 x 0.1 mg
3 x 5 mg
1 x 3 mg


(Research Associate)

07/26/22
(date)


(Laboratory Supervisor)

7/26/22
(date)