

## **Certificate of Analysis for NR-31210**

## Mycobacterium bovis, Strain AF 2122/97 (ATCC<sup>®</sup> BAA-935<sup>™</sup>), Gamma-Irradiated Whole Cells

Catalog No. NR-31210

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

**Product Description:** *Mycobacterium bovis* (M. bovis), strain AF 2122/97 (ATCC® BAA-935<sup>TM</sup>) was grown to late-log phase in sodium pyruvate alanine salts medium and inactivated by exposure to 2.4 mRads of ionizing gamma irradiation using a <sup>137</sup>Cs source. Confirmation of inactivation was performed by Alamar Blue assay. A dose of 2.4 mRads of gamma irradiation kills M. bovis to a  $10^{20}$  degree of certainty while maintaining 93% to 95% of the biological activity of the enzymes. The bacilli are harvested by filtration and washed with PBS, pH 7.4.

Lot: 70013746 Manufacturing Date: 22JAN2018

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.BAA935.11.29.8.WCg is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

 $\mbox{ATCC}^{\mbox{\tiny \sc B}}$  is a trademark of the American Type Culture Collection.

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

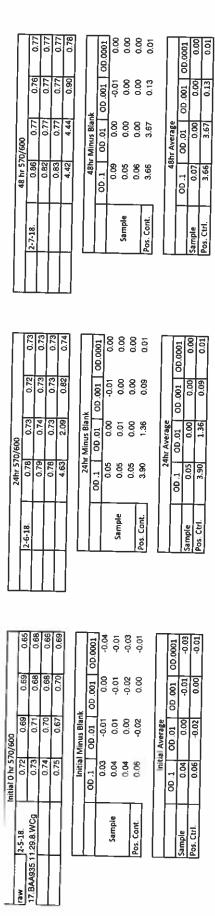
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## WORK SHEET FOR γ-IRRADIATED CELLS

## **General Information** Lot Number: \_\_17.BAA935.11.29.8.WCg Species: M. bovis Strain: BAA935 **Growth Conditions:** Medium:\_\_\_\_ SPAS # of Fernbachs: \_\_16\_\_ # of Roller bottles: 0 Inoculation Date: 11.29.17 Harvest Date: 12.20.17 SOP # used for Harvest: PP055 Wet Weight: 25g Date irradiated: 1.22.18 By: AS Alamar Blue QC Information Date Started: 2,5.18 Date Checked: 2.7.18 Positive Control: Positive X Negative Sample: Positive Negative X **Aliquot Information** 25g in 230ml falcon tube

(Research Associate)



Sample .1

