

# NATIONAL BIOSAFETY BOARD DECISION

**APPROVAL TO RELEASE SINGLE CELL PROTEIN (SCP), LIQUID FERTILIZER AND SOLID FERTILIZER, FROM THE FERMENTATION PRODUCTION OF L-METHIONINE USING *E. coli* KCCM11252P AND *E. coli* KCCM11340P FOR SUPPLY OR OFFER TO SUPPLY FOR SALE/PLACING IN THE MARKET**

**NBB REF. NO: JBK(S) 602-1/1/15  
APPLICANT: CJ BIO MALAYSIA SDN BHD  
DATE OF DECISION: 29 APRIL 2014**

The National Biosafety Board (NBB) on the 29 April 2014 granted approval with terms and conditions to an application from CJ Bio Malaysia Sdn. Bhd. for release (sale/placing on the market) of a product of a living modified organism, Single Cell Protein (SCP), Liquid Fertilizer and Solid Fertilizers.

This approval permits the release of above fertilizers co-produced with L-Methionine by using two microorganisms (*E.coli* KCCM11252P and *E.coli* KCCM11340P) that have been made by genetic modification from *E.coli* K12 W3110 strains in CJ Research Institute of Biotechnology located in Seoul, South Korea.

The recommendation of the Genetic Modification Advisory Committee (GMAC) to the NBB was for an approval with terms and conditions in accordance with the provisions of subsections 16(3) and 16(4) of the Biosafety Act for the release of SCP. This recommendation was based on GMAC thorough evaluation which determined that the release of this product does not endanger biological diversity or human, animal and plant health. Proper risk management strategies are to be followed as stipulated through the terms and conditions imposed (Appendix 1).

NBB also considered inputs from Ministry of Health, Institute of Medical Research, Department of Agriculture, Department of Fisheries and Department of Veterinary Services when making their decision on the application. Public consultation for this application was conducted from 16 January 2014 to 14 February 2014 via advertisement in local newspapers. There were no comment received.

**TERMS AND CONDITIONS FOR CERTIFICATE OF APPROVAL**

Approval for Release (Sale/Placing on the market) of a Product of a Living Modified Organism [Single Cell Protein (SCP), Liquid Fertilizer and Solid Fertilizers]

- 1) There shall be clear labeling of the products from production to all levels of marketing stating that it is only for the purpose of feed or fertilizer.
- 2) Should the applicant receive any scientifically proven information that confirms any adverse effects of the produced L-Methionine, Liquid Fertilizer and Solid Fertilizer, the NBB shall be informed immediately.