This is provisional English translation of an excerpt from the original full report.

# Safety Assessment Report

## Sodium L-glutamate produced using the GLU-No.6 strain

(Genetically Modified Foods and Feeds)

Food Safety Commission of Japan (FSCJ)
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## ABSTRACT

FSCJ conducted a safety assessment of sodium L-glutamate produced using the GLU-No.6 strain, based on the documents submitted by the applicant.

This additive is produced using the GLU-No.6 strain which was generated through introduction and deletion of genes involved in L-glutamate production and modification of promotor sequesnces in the GLU-No.3 to enhance the L-glutamate productivity. The GLU-No.3 strain was produced using mutated mutant strain derived from *Pantoea ananatis* No.359 as a host and its safety is already confirmed.

This additive meets the content specification of Japanese Standards of Food Additives. Amounts of non-active ingredients were less compared to the corresponding conventional L-glutamate products. In addition, no new harmful ingredients are suggested in the additive.

The documents was evaluated based on the “Approach to the Safety Assessment on an Additive Produced Using Geterically Modified Microorganisms, which its End Porduct is a Highly Purified Nonprotein Additive, such as Amino Acids[1]” (Supplementary Provisions of “Standards for Safety Assessment of Food Additives produced Using Genetically Modified Microorganisms[2]”). Consequesntly, the safety of the additive has been confirmed.

In conlusion, the assessment based on the “Standards for Safety Assessment of Food Additives produced Using Genetically Modified Microorganisms” is not necessary for this additive.

[1] Decision of the Commission dated April 28, 2005
[2] Decision of the Commission dated March 25, 2004