

# JAPAN CHEMICAL INNOVATION AND INSPECTION INSTITUTE

ORGANIZATION APPROVED BY MINISTRY OF ECONOMY, TRADE & INDUSTRY  
AND MINISTRY OF HEALTH, LABOUR & WELFARE

## HIGH POLYMER TEST AND EVALUATION CENTER

OSAKA Office : 1-5-3 Takaidanaka, Higashiosaka-shi, Osaka 577-0065

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No. 0-12001254E001

Date : April 8, 2013

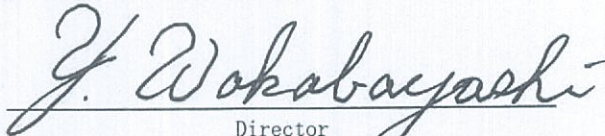
### Certificate

This is to certify that the following sample has been duly tested in accordance with the Japanese Food Sanitation Law (Ministry of Health and Welfare Notification No. 370, 1959) and proved the following result.

Applicant : PLASTIC TECHNOLOGY PROMOTION CENTER, INC  
2-2-23, Nishi-shinsaibashi, Chuo-ku, Osaka 542-0086 Japan  
Company That Offered Sample : TOTAKU INDUSTRIES INC.  
Sample : TOTAKU SD-F  
Date of test : June 4, 2012  
Result and No. 201, 267 Standard

<u>Test Items</u>	<u>Standard</u>	<u>Test Results</u>
Material Tests		
Lead	Not more than 100 $\mu$ g/g	Within the limit
Cadmium	Not more than 100 $\mu$ g/g	Within the limit
Di-Butyl Tin Compounds	Not more than 50 $\mu$ g/g (Di-n-butyltin Dichloride)	Within the limit
Tri-Cresylphosphate	Not more than 1mg/g	Within the limit
Vinyl Chloride Monomer	Not more than 1 $\mu$ g/g	Within the limit
DEHP	Not more than 0.1%	Within the limit
Dissolution Tests		
Heavy Metals	Not more than 1 $\mu$ g/ml as Pb	Within the limit
Consumption of $\text{KMnO}_4$	Not more than 10 $\mu$ g/ml	Within the limit
Evaporation Residue		
Distilled Water	Not more than 30 $\mu$ g/ml	Within the limit
4% Acetic Acid	Not more than 30 $\mu$ g/ml	Within the limit
20% Ethanol	Not more than 30 $\mu$ g/ml	Within the limit
DEHP	Not more than 1 $\mu$ g/ml	Within the limit

I hereby certify that the result of examination was stated above.

  
Director

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