

# 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

TOKYO Office : 2-11-17 Shinonome, Koto-ku, Tokyo 135-0062

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No. T-24003889E001

Date : October 16, 2024

### 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 : HAKKO CORPORATION  
Sample : SUNFOODS HOSE E-SF  
Date of test : October 16, 2024  
Result and No.380 Standard

<u>Test Items</u>	<u>Standard</u>	<u>Test Results</u>
Material Tests		
Lead	Not more than 100 $\mu\text{g/g}$	Within the limit
Cadmium	Not more than 100 $\mu\text{g/g}$	Within the limit
Di-Butyl Tin Compounds	Not more than 50 $\mu\text{g/g}$	Within the limit
Tri-Cresylphosphate	Not more than 1 $\text{mg/g}$	Within the limit
Vinyl Chloride Monomer	Not more than 1 $\mu\text{g/g}$	Within the limit
Dissolution Tests		
Heavy Metals	Not more than 1 $\mu\text{g/mL}$ as Pb	Within the limit
Consumption of $\text{KMnO}_4$	Not more than 10 $\mu\text{g/mL}$	Within the limit
Evaporation Residue Distilled Water	Not more than 30 $\mu\text{g/mL}$	Within the limit
Evaporation Residue 4% Acetic Acid	Not more than 30 $\mu\text{g/mL}$	Within the limit
Evaporation Residue 20% Ethanol	Not more than 30 $\mu\text{g/mL}$	Within the limit
Evaporation Residue Heptane	Not more than 150 $\mu\text{g/mL}$	Within the limit

Specific migration test : Filling elution

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



Director

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