



JAPAN CHEMICAL INNOVATION INSTITUTE
ORGANIZATION APPROVED BY MINISTRY OF INTERNATIONAL TRADE
& INDUSTRY AND MINISTRY OF HEALTH & WELFARE

HIGH POLYMER TEST AND EVALUATION CENTER

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11. JC11.No. T0222

Jul 27, 1999

No. _____

Date: _____

Certificate

This is to certify that the following sample have been duly tested in accordance with the Japanese Food and Sanitation Law (Ministry of Health and Welfare Notification No.20,1982) and are proved the following result.

Applicant : LG MMA Corp.
Sample : PMMA (Poly Methylmethacrylate)
IH 830
Date of test : Jul 23, 1999
Result and No.20 Standard

<u>Test item</u>	<u>No. 20 Standard</u>	<u>Test Sample</u>
Materials tests		
Lead	Less than 100 ppm	Within the limit
Cadmium	Less than 100 ppm	Within the limit
Dissolution tests		
Heavy Metals	Less than 1ppm as Pb	Not detected
Consumption of $KMnO_4$	Less than 10 ppm	Within the limit
Evaporation Residue		
Distilled Water	Less than 30 ppm	Within the limit
4% Acetic Acid	Less than 30 ppm	Within the limit
20% Ethanol	Less than 30 ppm	Within the limit
n-Heptane	Less than 30 ppm	Within the limit
Polymethyl methacrylate	Less than 15 ppm	Within the limit

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

T. Kose

Director

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