P-Life Japan Inc.

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Letter of Guarantee

We, P-Life Japan Inc (Registration No. 0109-01-017134), hereby would like to guarantee the following information

as authentic.

P-Life additive SMC2360 is a specially formulated proprietary mixture of catalysts "fatty acids derived from palm tree

oils" with following features.

ASTM D6954-04 Certified as biodegradable Plastic Additive in accordance with the SP Technical Research

Institute of Sweden standard.

Ingredients: Registered in FDA, Complies with Rohs Directive.

(Complies with FDA 21CFR 177.1520 Migration Test as finished products with P-Life.)

Once P-Life additive is added into LDPE, LLDPE or HDPE film at 0.1% dosage level, the film will be ultimately

biodegraded though a two-step degradation, initially by an oxidative process that is promoted by the inclusion of

P-Life active ingredients and subsequently by biological degradation. The ultimate biodegradation will be completed

within 24 months time frame in soil environment after the oxidative process.

The above information has also been supported by the official certification test conducted by SP Technical Research

Institute of Sweden, who are an internationally recognized certification & testing body in Sweden (Report No.

P804363F, Certification No. SC0646-10). This achievement is published in the journal of Polymer Degradation and

Stability 96 (2011), P.919-928.

We will like to notice that both our P-Life additives SMC 2360 and SMC 2522 are fabricated with the same

ingredients and procedures approved by the SP Technical Institute of Sweden Certification, being the only difference

the medium that is displayed on (powder and liquid), fulfilling the biodegradation standards of the ASTM 6954-04

As a principal of P-Life -biodegradable Plastic Technology, we would appreciate your cooperation to this date and

look forward to your continued support for years to come.

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Isao Toyama, President

P-Life Japan Inc.







