

AC PomeaShield

Code: 16935
INCI Name: Water & Punica Granatum Fruit Extract & Lactobacillus Ferment
CAS #: 7732-18-5 & 84961-57-9 & 1686112-36-6 (or) 68333-16-4
EINECS #: 231-791-2 & 284-646-0 & N/A (or) N/A

Name of Study	Type of Study	Results
Dermal & Ocular Irritation Tests	<i>In-vitro</i>	Both the dermal and ocular assays reveal that AC PomeaShield is non-irritating and should not cause any of the aforementioned conditions.
AMES Test	<i>In-vitro</i>	The results of the Bacterial Reverse Mutation Assay indicate that under the conditions of this assay, AC PomeaShield was considered to be Non-Mutagenic to <i>Salmonella typhimurium</i> tester strains TA98, TA100, TA1537, TA1535 and <i>Escherichia coli</i> tester strain WP2uvrA.
OECD TG 442D In-Vitro Skin Sensitization Report	<i>In-vitro</i>	The results using the ARE-Nrf2 Luciferase Test Method in accordance with UN GHS indicate that AC PomeaShield was not predicated to be a skin sensitizer.
OECD TG 442C Direct Peptide Reactivity Assay	<i>In-chemico</i>	Based on HPLC-UV analysis AC PomeaShield was determined as a non-sensitizer and will not cause allergic contact dermatitis.
OECD 301B Ready Biodegradability Assay	<i>In-chemico</i>	The results of the Modified Sturm Test ensure AC PomeaShield met method requirements for the Readily Biodegradable classification.
OECD 201 Freshwater Alga Growth Inhibition Test	<i>In-vitro</i>	The conditions of OECD guideline 201 for the validity of the test were adhered to, AC PomeaShield is not classified and therefore not harmful to aquatic organisms.
MTT Cell Viability Assay Analysis	<i>In-vitro</i>	Fibroblasts treated with 0.01%, 0.1%, and 1.0% concentrations of AC PomeaShield did not exhibit any reductions in cellular viability. Accordingly, at normal use concentrations, AC PomeaShield is not cytotoxic.