## ACB Pisum Sativum Peptide Toxicology Data

**Code:** 16810  
**INCI Name:** Pisum Sativum (Pea) Peptide  
**CAS #:** 90082-41-0  
**EINECS #:** 290-130-6

### Name of Study | Type of Study | Results
--- | --- | ---
Dermal & Ocular Irritation Tests | *In-vitro* | Both the dermal and ocular assays reveal that **ACB Pisum Sativum Peptide** is non-irritating and should not cause any of the aforementioned conditions.

AMES Test | *In-vitro* | The results of the Bacterial Reverse Mutation Assay indicate that under the conditions of this assay, that **ACB Pisum Sativum Peptide** was considered to be Non-Mutagenic to Salmonella typhimurium tester strains TA98, TA100, TA1537, TA1535 and Escherichia coli WP2uvrA.

OECD TG 442D In-Vitro Skin Sensitization | *In-vitro* | The results using the ARE-Nrf2 Luciferase Test Method in accordance with UN GHS indicate that **ACB Pisum Sativum Peptide** was not predicated to be a skin sensitizer.

OECD TG 442C Direct Peptide Reactivity | *In-chemico* | Based on HPLC-UV analysis **ACB Pisum Sativum Peptide** was determined as a non-sensitizer and will not cause allergic contact dermatitis.

OECD 301B Ready Biodegradability | *In-chemico* | The results of the Modified Sturm Test ensure **ACB Pisum Sativum Peptide** met method requirements for the Readily Biodegradable classification.
<table>
<thead>
<tr>
<th>Name of Study</th>
<th>Type of Study</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>OECD 202 Acute Daphnia</td>
<td><em>In-vivo</em></td>
<td>According to the EU Directive 93/67/EEC, <strong>ACB Pisum Sativum Peptide</strong> is not classified as harmful to aquatic organisms.</td>
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<tr>
<td>UV-Vis Report</td>
<td><em>Instrumental</em></td>
<td>The results exclude <strong>ACB Pisum Sativum Peptide</strong> as a photoxic substance.</td>
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