

Test items	Test overview	Testing institution
Acute oral toxicity test	<p>The test was performed according to OECD 423.</p> <p>The first and second steps were performed at a dose of 2000 mg / kg. (Equivalent to page 13)</p> <p>As a result, it falls under GHS Category 5. (Minimum lethal dose (LD50 value) > 2,000 mg / kg)</p>	Food and Drug Safety Center Hatano Research Institute
Ocular irritation test	<p>The test was performed according to ISO 10993-10 "B.2 Ocular irritation test". (page 29)</p> <p>Observation was performed at 1, 24, 48, 72, and 96 hours after instillation using a 50 w / vol% sample.</p> <p>No change was observed in any of the cases, and it was evaluated as No irritation of eye tissue (cornea, iris, conjunctiva).</p>	Food and Drug Safety Center Hatano Research Institute
Primary skin irritation test	<p>The test was performed according to ISO 10993-10 "6.3 Animal irritation test". (page 7)</p> <p>Observation was performed at 1, 24, 48, and 72 hours after test using a 50 w / vol% and powder sample.</p> <p>No change was observed in any of the cases, and it was evaluated as No irritation reaction was found.</p>	Food and Drug Safety Center Hatano Research Institute
Skin sensitization test	<p>The test was performed according to ISO 10993-10 "7.5 Guinea pig maximization test (GPMT)". (page 20)</p> <p>Intradermal induction phase: 1 w / vol%</p> <p>Topical induction phase: 50 w / vol%</p> <p>Challenge phase: 50, 10, 2, 0.4, 0.08 w / vol%</p> <p>No change was observed in any of the cases, and it was evaluated as Skin sensitization is Negative.</p>	Food and Drug Safety Center Hatano Research Institute
Mutagenicity test	<p>The Ames test method was used.</p> <p>As test strains, histidine-dependent auxotrophic mutants Salmonella (TA1535, TA1537, TA98, TA100) and tryptophan-dependent auxotrophic mutant Escherichia coli (WP2 uvr A) were used.</p> <p>Dose: 5.00, 15.0, 50.0, 150, 500, 1500, 5000 µg / plate</p> <p>Mutagenicity was evaluated by adding S9mix, which is a metabolite of rat liver.</p> <p>No increase in mutant colonies was observed, and it was evaluated as Genotoxicity is Negative.</p>	Food and Drug Safety Center Hatano Research Institute
Cytotoxicity test	Score: 2 (positive = 3 or higher) using a non-woven fabric with Cufitec® applied	Nelson Laboratories, LLC