

DEVACURL SAFETY TESTING SUMMARY

Our products have gone through rigorous testing and adhere to all relevant regulations for product safety before they reach the market. All of our products meet the safety requirements of the US Cosmetic Ingredient Review (CIR), the EU Scientific Committee on Cosmetics Safety (SCCS) and Health Canada.

TEST CONDUCTED	TEST DESCRIPTION	PURPOSE & OBJECTIVE	PRODUCTS TESTED	RESULTS & ADDITIONAL INFO
FORMULA STABILITY	Products are tested in glass jars at extreme environmental conditions for a period of 90 days. These conditions vary in temperature and light levels and are meant to simulate what will happen to the product during its life cycle. Specified physical, chemical and performance characteristics are evaluated at 0, 1, 2 & 3 month time points.	To confirm formula integrity – no changes in the formula’s intended physical, chemical and microbiological properties – over the course of its intended life cycle under various conditions, e.g. over extended time periods and extreme temperatures. To ensure that when the formula is shipped to stores and ultimately customers, it will still be as safe as when it was first manufactured.	ALL DevaCurl products	All DevaCurl products have passed formula stability and all new products must pass formula stability before being manufactured – this confirms that the formula will maintain its intended physical, chemical and microbial properties throughout its life cycle.
PACKAGE COMPATIBILITY	Formulas are placed on stability temperatures for 90 days at accelerated temperatures in final packaging. Several physical and chemical characteristics are evaluated at 0, 1, 2 & 3 month time points.	To determine if any interactions occur between the formula, the container, and the external environment - including adsorption of product constituents into the container, corrosion, leaching, and effectiveness of the container in protecting the contents from atmospheric oxygen and/or water vapor. To ensure that no safety or quality problems are introduced by the type of packaging material used.	ALL DevaCurl products	All current DevaCurl products have passed package compatibility and all new products must pass compatibility before being manufactured. This confirms that the packaging used for each DevaCurl product does not introduce interactions with the formulas.
MICROBIOLOGICAL CHALLENGE TESTING	Formulas are inoculated with several microbial organisms over the course of 28 days.	To determine if the preservative system is effective in preventing microbial growth.	ALL DevaCurl products	All DevaCurl products have demonstrated that their preservative systems are effective (pass micro testing) before going to market. Every batch made by our manufacturers must pass micro testing before shipping to our customers.
OCULAR	Lab test on non-living tissue to predict eye irritation potential without testing on animals.	To predict eye irritation potential.	ALL DevaCurl products	The majority of our products are classified as non-irritants. However, Low Poo Delight, Low Poo Original and Buildup Buster contain ingredients that are considered eye irritants which is typical for cleansers/shampoos that contain surfactants (cleansing agents).
PH/ VISCOSITY	Formulas are measured with pH meter & viscometer.	To confirm that pH & viscosity are within that product’s specification.	ALL DevaCurl products	All batches of DevaCurl formula which have been released into the market have satisfied the pH specifications set by our chemists.
HUMAN REPEAT INSULT PATCH TESTING (HRIPT)	Human subjects undergo patch testing where the test product is applied to the skin several times over the course of 3 weeks.	To determine, by repetitive epidermal contact, the potential of the tested product to induce primary or cumulative irritation and/or allergic contact sensitization.	ALL DevaCurl products	All product formulas must pass HRIPT testing before going to market. Results have indicated no potential for dermal irritation or allergic contact sensitization due to DevaCurl products. All test results are signed off by a Board Certified Dermatologist.
TENSILE BREAK STRENGTH	Physical properties of internal hair structure are measured/quantified with an instrument called the Diastron.	To determine if the tested products decrease the strength of the internal hair structure, e.g. damaging hair fibers. Also evaluates if there is any “loss of curl pattern definition.”	ALL DevaCurl products	The test results confirm that, after treatment with the tested DevaCurl products, there is no negative effect on the break stress or break extension of either virgin or bleached hair - supporting the premise that these products do not compromise hair fibers.