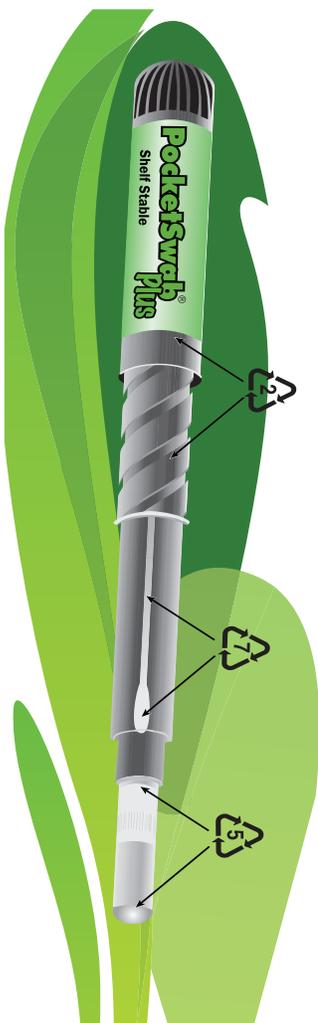


Meet Industry Sustainability Goals with Recyclable ATP Swabs



Charm Sciences, Inc. manufactures its industry leading PocketSwab® Plus ATP swabs using recyclable components making it easier for its customers to meet the growing demand for sustainable solutions. PocketSwab Plus swabs are used in hygiene monitoring programs in food, beverage, pharmaceutical, nutraceutical, personal care, and healthcare industries.

By allowing customers to recycle swab components within their waste management programs conveniently, Charm helps companies meet their sustainability goals.

Recycling codes for each component are given on PocketSwab Plus packaging.

Unlike some competitor products, which employ sodium azide, Charm swabs do not contain any hazardous chemicals.

An additional “green” benefit of Charm ATP swabs is that Charm PocketSwab Plus and FieldSwab have a shelf-life of one-year at room temperature. Unique among ATP swabs, this saves energy and shipping costs compared to other swabs that require refrigerated storage and shipping.

Charm Sciences has approached this issue head-on by setting new standards in validating cleanliness of surfaces which strengthens both allergen and microbial control programs. The AllerGiene test offers a pro-active approach to strengthening allergen control programs by testing surfaces or rinse waters for the presence of ATP, at levels low enough to coincide or be lower than protein levels detected by specific allergen methods. It accomplishes this in just 30 seconds, and has complete data traceability and tracking with the novaLUM® instrument and novaLINK software. AllerGiene is not a replacement for existing test methodologies, rather a complementary risk assessment tool that fits the HACCP model because it anticipates and helps eliminate potential hazards allowing for remediation before product overlay.

COMPONENTS

Charm Swab ^A Component	Recycling Code	Plastic Type	Recyclability
<ul style="list-style-type: none"> Black Cap Device Body 		HDPE – High Density Polyethylene	HDPE is used in plastic lumber and pipe, rope, toys, as well as in lawn and garden edging. HDPE is accepted at most recycling facilities.
<ul style="list-style-type: none"> Clear, Removable Microtube (at base of swab device) 		PP – Polypropylene	PP is accepted by some, but not all, municipal recycling programs. PP plastics that are recycled are found in items such as brooms, racks, battery casing, and battery cables.
<ul style="list-style-type: none"> Swab Shaft Swab Tip 		Other– Mixed; often a combination of resins, like polycarbonate	Type 7 is recycled into plastic lumber and custom-made products. But, since recycling relies on being able to sort and flake plastics of the same type, type 7 plastics are not accepted by all municipal recycling programs.

^APocketSwab Plus, AllerGiene®, FieldSwab, and WaterGiene