

PASSPORT



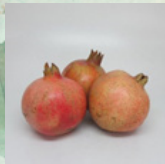
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AC PomeaShield



Start:

Organic pomegranates are sourced regionally respective to our 3 global manufacturing sites:

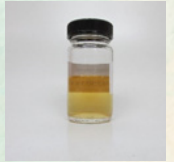


Our manufacturing sites grind/mill the pomegranates. It then undergoes an enzymatic extraction process. Leftover waste is utilized to create different pomegranate ingredient technologies.



Final stop:

The final product is AC PomeaShield, a potent antioxidant and anti-aging ingredient that employs polyphenols to scavenge free radicals and reduce cellular senescence.



Road Map Tour

A Cradle to Cradle approach to maximize the use of the whole organic pomegranate to promote sustainable provenance.

Active Concepts utilizes a Cradle-to-Cradle approach to maximize the use of whole pomegranate. We sustainably source whole pomegranates and use all parts to create our various pomegranate raw materials. By doing so, we are able to eliminate waste while maximizing the yield of the given starting material. The San Joaquin Valley in Central California provides pomegranates for our US facility. These pomegranates are certified organic through California Certified Organic Farmers (CCOF). The standards held by CCOF work to enhance biodiversity and soil fertility while restoring and maintaining ecological harmony. Our Italian team sources pomegranates from the Valencian region of Spain. These farms pride themselves in ecological farming practices. Similar to regenerative farming, ecological agriculture focuses on rebuilding ecosystems within farm lands to promote healthy, organic crops. Always GMO-free, pesticide-free, and organic ecological farmers are committed to practices that are sustainable and beneficial for their land yet effective for crop yield. Pomegranates grow year-round in India, ranking this country as the top pomegranate cultivator in the world. We source pomegranates from India for our site in Taiwan. These farmers comply with the National Standards for Organic Production (NSOP) by growing crops organically without the use of chemical fertilizers, pesticides, or hormones. They believe the use of chemicals not only affects the crops, but all those that the crop encounters.

We want to be transparent in our supply chain from harvest to production. It's important to know where our raw materials come from and where they are going.

Safety & Toxicology

Non-phototoxic

Non-irritant to skin

Non-sensitizing

Non-irritant to eyes

Non-harmful to aquatic life

Regulatory

INCI: Water & Punica Granatum Fruit Extract & Lactobacillus Ferment

CAS: 7732-18-5 & 84961-57-9 & 1686112-36-6 (or) 68333-16-4

EUROPE: Compliant

USA: Compliant

JAPAN: Compliant

CHINA: Compliant

Specification



Environmental Impact

Active Concepts Production

0.199 kg CO2e per kg

0.899 kW energy per kg

93.1 % Biodegradable after 28 days

3.99 litres water per kg

3.181 kg compost per kg

Animal Welfare

Never tested on animals and made from non-animal-derived ingredients. Neither we or our supply chain have allowed contact with any animal products, animal by-products, or derivatives.



Ethical Trade

Our sources pride themselves on regenerative farming practices as a holistic approach to modern day agriculture. This includes no till farming, composting, and wildlife preservation. Their philosophy is simple: Farm in a manner that mimics nature.



Community Welfare

The suppliers take special care of their workers and prioritize their safety, work conditions and well-being. The farms are pesticide and GMO-free, and incorporate beneficial soil microorganisms and compost in place of synthetic fertilizers.



ORIGIN: Botanical

PRESERVATIVES: None

APPEARANCE: Clear to Slightly Hazy Liquid

SOLVENTS: Water

USE LEVEL: 1-10%