



99% Uro-A Urolithin A Bulk Powder 1143-70-0 Off White Powder Longevity Ingredients

Our Product Introduction

Basic Information



Product Specification

- Product Name: Urolithin A Powder
- CAS Number: 1143-70-0
- Synonyms: Uro-A; Liposomal Urolithin A; UA Powder; 3,8-Dihydroxy-6H-dibenzo[b,d]pyran-6-one
- Molecular Formula: C₁₃H₈O₄
- Molecular Weight: 228.20
- Specifications: 99%
- Appearance: Off-white To Yellow Powder
- Bulk Package: 1kg/bag; 25kg/drum
- Custom OEM Services: Available Upon Request
- Highlight: **99% Urolithin A Bulk Powder, 1143-70-0 Urolithin A Bulk Powder, 99% Urolithin A Powder**

Product Description

Bulk Urolithin A Powder 99%

What is Urolithin A Powder?

Urolithin A is a natural compound that our body produces when we consume foods rich in ellagitannins like pomegranates, strawberries, and nuts. Its chemical name is 3,8-dihydroxy-6H-dibenzo[b,d]pyran-6-one, and its molecular formula is C₁₄H₁₀O₄. You can identify it by its CAS number, which is 1143-70-0.

Urolithin A instigates mitophagy, a process that aids in the elimination of impaired mitochondria from our cells. This action promotes mitochondrial health and rejuvenation, hinting at potential anti-aging benefits by alleviating oxidative stress and inflammation. Research indicates that Urolithin A could boost cell cleanup mechanisms such as autophagy, potentially fostering longevity. Owing to its potent antioxidant and anti-inflammatory properties, Urolithin A emerges as a promising natural compound conducive to healthy aging.

Urolithin A Specification

Urolithin A powder is available in pure 99% form for superior quality, this is the most popular spec with our clients. Some clients request **liposomal urolithin A** powder since it has enhanced absorption compared to regular powder.

We offer this bulk powder packaged in 25kg drums to facilitate easy shipping and handling. Each batch is tested for compliance with strict quality control specifications. The drums are securely sealed and labeled for shipment via courier services including FedEx and UPS. We provide tracking information to closely monitor the shipment until delivery.

Urolithin A Manufacturing Process

The production process of Urolithin A involves a series of steps:

Initiate with a substitution reaction between 3-hydroxybenzoic acid and N-bromosuccinimide in ethyl acetate solvent to form an intermediate compound.

Introduce resorcinol to the intermediate, initiating another substitution reaction to form the crude Urolithin A.

Purify the crude product through crystallization from ethanol.

Filter and dry the purified Urolithin A under vacuum, then recrystallize to enhance purity.

Sieve the dried crystals for uniform particle size.

Conduct quality control testing before packaging the Urolithin A powder into appropriate containers.

This systematic approach transforms raw materials into highly pure Urolithin A that meets quality specifications. The final product is a free-flowing Urolithin A powder with 99% purity, ready for formulation and sale.

Urolithin A OEM services

As a nutritional ingredient manufacturer, Hygieia Biotech not only supplies high qualified urolithin a raw materials but also provides one-stop service from "Formulation" to "Global Supply chain management of urolithin a finished product".

Now, the formulations we developed include urolithin a hard capsule, tablets, urolithin a soft-gel capsules, etc. Free sample is available for your quality testing before bulk order. Get a wholesale quote by sending an inquiry now!



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