Urolithin A

$C_{13}H_8O_4$ · CAS 1143-70-0 · Urolithin A, powder

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Urolithin A, powder	$C_{13}H_8O_4$	1143-70-0	98.0–102.0%
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Urolithin A specified at 98.0–102.0% by HPLC, for markets and uses where urolithin A is lawfully permitted; the authorization status of the destination market is part of the specification.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Assay (HPLC)	98.0–102.0%	As stated
Appearance	Off-white to yellow powder	As stated
Identification	HPLC and NMR conform	As stated
Loss on drying	≤1.0%	As stated
Residual solvents	Methanol ≤3,000 ppm	As stated
Heavy metals	Pb ≤1 · As ≤1 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 40 mesh	As stated
Marker set	Urolithin A 98.0–102.0% (HPLC)	Identity
Solubility	Sparingly soluble in water; soluble in dimethyl sulfoxide.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

AVAILABLE FORMS

- Powder, 40 mesh
- Granulated on request
- Dilution on request

PACKING

- 1 kg foil pouch

STORAGE

• 25 kg fiber drum	Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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