

Urolithin A 98% Specification Sheet

Public technical specification for buyer documentation review

Product: Urolithin A 98%

Description: Urolithin A powder for dietary supplement and formulation review.

Source: Reference standard: in-house.

Production Route: Current production is by fermentation. The production route for each lot is stated on the Certificate of Analysis.

Storage: Well-closed packages stored in cool, dry, clean and ventilated places; do not store with poisonous or harmful substances.

Packing: Fiber drums with plastic bags inside; net weight 20 kg/drum.

Test item	Specification	Method
HPLC purity	NLT 98.0%	HPLC
HNMR purity	NLT 98.0%	HNMR
Assay	NLT 98.0%	HPLC
Appearance	Light yellow powder	Organoleptic
Odor and taste	Characteristic	Organoleptic
Identification, ¹ H NMR	Spectra correspond to reference standard	HNMR
Identification, HPLC	Retention time corresponds to reference standard	HPLC
Water content	NMT 2.0%	USP <921>
Residue on ignition	NMT 0.5%	USP <281>
Bulk density, loose	NLT 0.5 g/mL	USP <616>
Bulk density, tapped	NLT 0.6 g/mL	USP <616>
Residual solvents	Under USP <467> limits	USP <467>
Heavy metals	NMT 10 mg/kg	USP <233>
Lead	NMT 1.0 mg/kg	USP <233>
Arsenic	NMT 1.0 mg/kg	USP <233>
Cadmium	NMT 1.0 mg/kg	USP <233>
Mercury	NMT 0.1 mg/kg	USP <233>
Total plate count	NMT 1,000 cfu/g	USP <61>
Yeast and mold	NMT 100 cfu/g	USP <61>
E. coli	Negative in 25 g	USP <62>
Salmonella	Negative in 25 g	USP <62>

Public disclosure note: This specification sheet excludes batch-specific identifiers, production/retest timing, quantity, personnel names, signatures, and other batch-specific COA fields. Full COA and supporting documents are available for qualified buyer review.

Nutrition BioTech | naturalbestbio.com | sales@naturalbestbio.com