



Certificate of Analysis

Product and Batch Information			
Product Name:	Urolithin A	Country of Origin:	P.R. China
CAS No.:	1143-70-0	Molecular Weight:	228.20
Molecular Formula:	C ₁₃ H ₈ O ₄	Batch:	CS-UA-230202
Manufacture Date:	Feb 02, 2023.	Expiry Date:	Feb 01, 2025.
Item	Specification	Result	Test Method
Active Ingredients			
Purity(% on dried basis)	NLT98.0%	98.30%	HPLC
Physical Control			
Appearance	Fine Powder	Complies	Visual
Color	Light Yellow to Gray	Complies	Visual
Identification	Positive	Complies	NMR
Loss on drying	NMT 1.0%	0.32%	USP
Chemical Control			
Heavy metals	NMT 10PPM	Conforms	Atomic Absorption
Arsenic(As)	NMT 1PPM	Conforms	Atomic Absorption
Lead(Pb)	NMT 2ppm	Conforms	Atomic Absorption
Cadmium(Cd)	NMT 2ppm	Conforms	Atomic Absorption
Mercury(Hg)	NMT 1ppm	Conforms	Atomic Absorption
Solvents Residue	Meeting USP Standard	Conforms	Gas Chromatography
Microbiological Control			
Total Plate Count	1000cfu/g Max	Conforms	AOAC
Yeast & Mold	100cfu/g Max	Conforms	AOAC
E.Coli	Negative/10g	Negative	AOAC
Salmonella	Negative/25g	Negative	AOAC
Staph Aureus	Negative/10g	Negative	AOAC
Packing and Storage			
Packing	Pack in paper-drums and two plastic-bags inside. 20kg/drum.		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2 years if sealed and stored properly.		

