

Mitora Urolithin A Technical Specs & Quality Assurance

Mitora
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1. Product Overview

Product Name: Urolithin A
Brand: Mitora
CAS Number: 1143-70-0
Molecular Formula: C13H8O4
Appearance: White to off-white powder
Purity: >= 98% (HPLC)

2. Technical Data Sheet (TDS)

Parameter	Specification	Test Method
Purity	>= 98%	HPLC
Appearance	White to off-white powder	Visual Inspection
Melting Point	240-245 °C	Differential Scanning Calorimetry (DSC)
Loss on Drying	<= 0.5%	Karl Fischer Titration
Heavy Metals	<= 10 ppm	ICP-MS
Residual Solvents	Compliant with USP limits	GC-MS
Microbial Limits	Total Plate Count <= 1000 CFU/g	USP <61>
	Yeast & Mold <= 100 CFU/g	USP <61>
	E. coli, Salmonella Negative	USP <62>

3. Certificate of Analysis (COA)

- Batch Number: [To be filled]
- Manufacturing Date: [To be filled]
- Expiry Date: [To be filled]
- Analytical Results: Match TDS specifications
- Signed by Quality Control Department

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4. Material Safety Data Sheet (MSDS) Summary

- Hazard Identification: Non-hazardous under normal handling
- Handling Precautions: Use appropriate PPE, avoid dust inhalation
- Storage: Store in cool, dry, well-ventilated area away from moisture
- First Aid Measures: Inhalation, skin contact, eye contact responses detailed
- Fire Fighting Measures: Use extinguishing media suitable for surrounding fire
- Disposal Considerations: Dispose per local regulations

5. Quality Assurance

- All batches undergo rigorous QC testing per USP and EP standards.
- Produced in ISO-certified facilities.
- Full traceability from raw materials to finished product.
- COA provided with every shipment.