

## Certificate of analysis

### Azelaic Acid

CAS No.	123-99-9	Code	BIOJAZE001
Batch No	RS20230713	Manufacture Date	Jul.13, 2023
Expiry Date	Jul.12, 2026	Quantity	100Kg

Testing Items	Specifications	Results
Appearance	White powder	Complies
Content	≥99.0%	99.81%
Total dicarboxylic acid content	≥99.50%	99.89%
Monoacid content	≤0.10%	0.07%
Melting point	107.5~108.5°C	107.6~108.2°C
Acid value	585.0~595.0MgKOH/g	593.7MgKOH/g
Water content	≤0.5%	0.19%
Ash content	≤0.05%	0.02%
Heavy metal	≤0.001%	0.0008%
Light transmittance, 440nm	97~100%	98%
Light transmittance, 550nm	97~100%	98%
Particle size	10um	98.0%<10um
The chloride ion	≤0.005%	0.003%
Sulfate	≤0.025%	0.020%
Iron ion	≤0.002%	0.0019%
Conclusion	This product conforms to In-house standard	

**\*Storage condition: Store below 25°C, Protect from moisture and light.**