

Certificate of analysis

Azelaic Acid

CAS No.	123-99-9	Code	BIOJAZE001
Batch No	RS20231219	Manufacture Date	Dec.19, 2023
Expiry Date	Dec.18, 2026	Quantity	100Kgs

Testing Items	Specifications	Results
Appearance	White powder	Complies
Content	$\geq 99.0\%$	99.78%
Total dicarboxylic acid content	$\geq 99.50\%$	99.87%
Monoacid content	$\leq 0.10\%$	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	$\leq 0.5\%$	0.19%
Ash content	$\leq 0.05\%$	0.02%
Heavy metal	$\leq 0.001\%$	0.0008%
Light transmittance, 440nm	97~100%	98%
Light transmittance, 550nm	97~100%	98%
Particle size	10um	98.0%<10um
The chloride ion	$\leq 0.005\%$	0.003%
Sulfate	$\leq 0.025\%$	0.020%
Iron ion	$\leq 0.002\%$	0.0019%
Conclusion	This product conforms to In-house standard	

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