



XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

Add: Room 1601 , Tower 1 , Building 25 , Gaoke Garden, Gaoxin 5th Rd, High-tech Zone,
Xi'an, China

Tel: 86-29-88447187 Fax: 86-29-88447187

CERTIFICATE OF ANALYSIS

Product Name	Quercetin	Specification	Company Standard
Part Used	Fruit	Manufacture Date	2024.9.10
Quantity	100KG	Analysis Date	2024.9.16
Batch No.	BF-240910	Expiry Date	2026.9.9
Items	Specifications		Results
Assay	$\geq 95\%$		98.63%
Appearance	Yellow Green Powder		Conforms
Particle Size	95% pass 80 mesh		Conforms
Melting Point	305°C-315°C		312°C
Bulk Density	$\geq 0.20\text{gm/cc}$		0.23gm/cc
Tapped Density	$\geq 0.30\text{gm/cc}$		0.36gm/cc
Total Heavy Metals	$\leq 10\text{ppm}$		Conforms
Loss on Drying	$\leq 3\%$		1.06%
Total Plate Count	$\leq 1000\text{ CFU/g}$		Conforms
Yeast & Mold Count	$\leq 100\text{ CFU/g}$		Conforms
Escherichia Coli	Negative		Conforms
Staphylococcus Aureus	Negative		Conforms
Salmonella	Negative		Conforms
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

