

## CERTIFICATE OF ANALYSIS

Product Name	Quercetin	Country of Origin	China
Batch Number	SOST2023122302	Manu. Date	Dec, 23th, 2023
Batch Quantity	1200KG	Expiration Date	Dec, 22th, 2025
<b>Items</b>	<b>Specifications</b>	<b>Results</b>	<b>Method</b>
Appearance	Yellow Powder	Complies	Visual
Odor	Characteristic	Complies	Nasil
Identification	Conform with reference	Complies	HPLC
Mesh Size	100% pass 80 mesh	Complies	80mesh screen
Moisture Content	9% -12%	9.5%	GB/T5009.3
Ash Content	≤5.0%	0.1%	GB/T5009.4
Heavy Metals	≤ 10 ppm	< 10ppm	CP2020
Arsenic (As)	≤ 2.0 ppm	Complies	BS EN ISO17294-2 2016
Lead (Pb)	≤ 3.0 ppm	Complies	BS EN ISO17294-2 2016
Cadmium (Cd)	≤ 1.0 ppm	Complies	BS EN ISO17294-2 2016
Mercury (Hg)	≤ 0.1ppm	Complies	BS EN ISO17294-2 2016
Total Plate Count	≤10,000 cfu/g	Complies	ISO 4833- 1:2013
Yeast and Mold	≤100 cfu/g	Complies	ISO 21527-2:2008
Escherichia Coli	Absent	Not detected	ISO 16649-2:2001
Salmonella/25g	Absent	Not detected	ISO 6579-1:2017
Assay	≥98.0%	98.08%	HPLC

QC MANAGER:Feng Li

ANALYST:Guo Shan

