

CERTIFICATE OF ANALYSIS

Product Name	Citicoline	Country of Origin	China
Batch Number	SOST20230928	Manu. Date	Sep, 28th, 2023
Batch Quantity	320KG	Expiration Date	Sep, 27th, 2025
Items	Specifications	Results	Method
Appearance	White Powder	Complies	Visual
Odor	Characteristic	Complies	Nasil
Identification	Conform with reference	Complies	HPLC
Mesh Size	100% pass 80 mesh	Complies	CP2020
Moisture Content	≤ 5.0%	1.9%	GB5009.3-2016
pH	2.5-3.5	3.1	/
5'-CMP	≤1.0%	0.25%	/
Ammonium	≤0.05%	Complies	/
Free phosphoric acid	≤0.01%	Complies	/
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	≤1000 cfu/g	< 10	ISO 4833- 1:2013
Yeast and Mold	≤100 cfu/g	< 10	ISO 21527-2:2008
Escherichia Coli	< 10cfu/g	< 10	ISO 16649-2:2001
Salmonella/25g	Absent	Not detected	ISO 6579-1:2017
Assay	≥99.0%	99.78%	HPLC

QC MANAGER:Feng Li

ANALYST:Guo Shan

