



西安子午生物科技有限公司
Xi'an Sonwu Biotech Co.,Ltd.

huiCertificate of Analysis

Product name	Citicoline	Manufacture date	Jan.25.2022
Batch number	SW220125	Analysis date	Jan.26.2022
Batch Quantity	1200kg	Expiry date	Jan.26.2024

ANALYSIS	SPECIFICATION	RUSULT
Appearance	White Crystalline Powder	Conforms
Assay(on dried basis)	$\geq 98.0\%$	99.2%
Clarity & Color	Colorless & Clear	Conforms
PH	2.5~3.5	2.8
Particle Size	100% Pass 20 Mesh	Conforms
Bulk Density	0.4-0.5 g/cm ³	0.46 g/cm ³
5'CMP	$\leq 1.0\%$	0.1%
Ammonium	$\leq 0.05\%$	Conforms
Free Phosphoric Acid	$\leq 0.01\%$	Conforms
Loss on Drying	$\leq 5.0\%$	2.4%
Heavy Metals total	$\leq 10\text{ppm}$	Conforms
Arsenic (As)	$\leq 2\text{ppm}$	Conforms
Lead	$\leq 3\text{ppm}$	Conforms
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst