



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

Certificate of Analysis

Product name	Lithium Orotate	Manufacture date	Jan.19.2024
Batch number	SW240119	Analysis date	Jan.20.2024
Batch quantity	500kg	Expiry date	Jan.19.2026

Characteristic/method	Specification	Result
Identification	HNMR confirms to structure	Conforms
Assay (based on dried)	98.0%~102.0%	99.99%
Lithium ion	3.7%~4.3%	4.27%
Appearance	White Fine powder	Conforms
State of solution	Clear and colorless	Conforms
Partical Size	100% pass 60 mesh	Conforms
Loss on Drying	$\leq 1.0\%$	0.08%
Heavy Metals	$\leq 20\text{ppm}$	Conforms
Chloride (Cl)	$\leq 0.1\%$	Conforms
Sulfate (SO4)	$\leq 0.1\%$	Conforms
PH	5.5-7.5	6.16
Microbiological		
Total Plate Count	$\leq 1000\text{cfu/g}$	Conforms
Yeast & Mold	$\leq 50\text{cfu/g}$	Conforms
Salmonella	Negative	Negative
E.Coli	Negative	Negative
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place. keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

