

# CERTIFICATE OF ANALYSIS

MANUFACTURER: QIANJIANG YONGAN PHARMACEUTICAL CO., LTD

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Name of product: TAURINE	CAS No. 107-35-7	
Batch size: 10000kgs	Packing in : 25kg/carton	Batch No.: XP23104682
Manufacture date: 2023-10-18	Expiry date: 2026-10-17	Reported date: 2023-10-24

Item of Inspection	Standard of JP18	Standard of USP	Testing result	Testing Method of JP18	Testing Method of USP
Characteristics:	A white crystalline powder, odorless		A white crystalline powder, odorless	Visual , Organoleptic	Visual , Organoleptic
1. Identification:	Positive	A. Infrared Absorption B. Retention Time	Positive Positive	Infrared spectrophotometry (JP18: General tests 2.25)	(USP chapter <197K>) (USP chapter <621>)
2. Clarity and color of solution:	Clear and colorless	-----	Pass test	Page 1643 (JP18)	-----
3. Chloride:	0.011%max	0.05%max	<0.010%	Chloride limit test (JP18: General tests 1.03)	Chloride limit test (USP chapter <221>)
4. Sulfate:	0.010%max	0.03%max	<0.010%	Sulfate limit test (JP18: General tests 1.14)	Sulfate limit test (USP chapter <221>)
5. Ammonium:	0.02%max	-----	<0.015%	Ammonium limit test (JP18: General tests 1.02 )	-----
6. Heavy metals:	10ppm max	-----	<8ppm	Heavy metals limit test (JP18: General tests 1.07 )	-----
7.* Lead	-----	-----	<1ppm	GB 5009.268-2016 I	
8.* Arsenic	-----	-----	<2ppm	GB 5009.268-2016 I	
9. Iron:	10ppm max	30ppm max	<10ppm	(JP18: General tests 1.10)	(USP chapter <241>)
10. PH:	4.1~5.6	-----	5.1	Page 1643 (JP18)	-----
11. Related substances:	0.2% max	-----	<0.2%	(JP18: General tests 2.03 )	-----
12. Related compounds:	-----	0.5% max	<0.5%	-----	(USP chapter <621>)
13. Loss on drying:	0.20%(105 °C , 2 hours)max	0.3%(105°C, 3hours)max	0.11%	Loss on drying test (JP18: General tests 2.41)	1g/105° C/3hrs (USP chapter <731>)
14. Residue on ignition:	0.1%max	0.3%max	0.08%	Residue on ignition test (JP18: General tests 2.44 )	Residue on ignition test (USP chapter <281>)
15. Assay (on the dried basis):	99.0%~101.0%	98.0%~102.0%	99.5%	Titrimetry (JP18: General tests 2.50)	(USP chapter <621>)
16. Total aerobic microbial count:	NMT 1000cfu/g	NMT 1000cfu/g	<10cfu/g	Microbial limit testing method (CHP2020 general rule 1105)	Microbial limit testing method (CHP2020 general rule 1105)
17. Mold & Yeast:	NMT 100cfu/g	NMT 100cfu/g	<10cfu/g		
18. E. coli:	Negative/10g	Negative/10g	Not found	Microbial limit testing method (CHP2020 general rule 1106)	Microbial limit testing method (CHP2020 general rule 1106)
19.* Salmonella:	Negative/25g	Negative/25g	Not found		

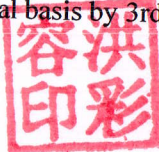
## Conclusion: Comply with JP18/ USP-NF2023

Remarks: We hereby declare our product comply with GMP, ISO9001, ISO22000.

We hereby certify our product is BSE/TSE free.

\*For items tested on an annual basis by 3rd party lab.

**AUTHORIZOR:**



**CHECKER:**



**TESTER:**

