

CERTIFICATE OF ANALYSIS

MANUFACTURER: QIANJIANG YONGAN PHARMACEUTICAL CO., LTD

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Name of product: TAURINE	CAS No. 107-35-7	
Batch size: 2800kgs	Packing in 25kg/carton	Batch No.: XP26013065
Manufacture date: 2026-01-02	Expiry date: 2029-01-01	Reported date: 2026-01-08

Item of Inspection	Standard of JP17	Standard of USP 43	Testing result	Testing Method of JP17	Testing Method of USP 43
Characteristics:	A white crystalline powder, odorless		A white crystalline powder, odorless	Visual , Organoleptic	Visual , Organoleptic
1. Identification:	Positive	A. Infrared Absorption	Positive	Infrared spectrophotometry (JP17: General tests 2.25)	(USP43 chapter <197K>)
		B. Retention Time	Positive		(USP43 chapter <621>)
2. Clarity and color of solution:	Clear and colorless	-----	Pass test	Page 1643 (JP17)	-----
3. Chloride:	0.011% max	0.05% max	<0.010%	Chloride limit test (JP17: General tests 1.03)	Chloride limit test (USP43 chapter <221>)
4. Sulfate:	0.010% max	0.03% max	<0.010%	Sulfate limit test (JP17: General tests 1.14)	Sulfate limit test (USP43 chapter <221>)
5. Ammonium:	0.02% max	-----	<0.015%	Ammonium limit test (JP17: General tests 1.02)	-----
6. Heavy metals:	10ppm max	-----	<8ppm	Heavy metals limit test (JP17: General tests 1.07)	-----
7. Iron:	10ppm max	30ppm max	<10ppm	(JP17: General tests 1.10)	(USP43 chapter <241>)
8. PH:	4.1~5.6	-----	5.0	Page 1643 (JP17)	-----
9. Related substances:	0.2% max	-----	<0.2%	(JP17: General tests 2.03)	-----
10. Loss on drying:	0.20% (105℃, 2 hours) max	0.3% (105℃, 3 hours) max	0.11%	Loss on drying test (JP17: General tests 2.41)	1g/105℃/3hrs (USP43 chapter <731>)
11. Residue on ignition:	0.1% max	0.3% max	0.08%	Residue on ignition test (JP17: General tests 2.44)	Residue on ignition test (USP43 chapter <281>)
12. Related compounds:	-----	0.5% max	<0.5%	-----	(USP43 chapter <621>)
13. Assay (on the dried basis):	99.0%~101.0%	98.0%~102.0%	99.4%	Titrimetry (JP17: General tests 2.50)	(USP43 chapter <621>)
14. Total aerobic microbial count:	NMT 1000cfu/g	NMT 1000cfu/g	<10cfu/g	Microbial limit testing method (CHP2015 general rule 1105)	Microbial limit testing method (CHP2015 general rule 1105)
15. Mold & Yeast:	NMT 100cfu/g	NMT 100cfu/g	<10cfu/g		
16. E. coli:	Negative/10g	Negative/10g	Not found		
17. Salmonella:	Negative/25g	Negative/25g	Not found		
18. Staphylococcus aureus:	Negative/25g	Negative/25g	Not found		
19. Enterobacteriaceae:	Negative/10g	Negative/10g	Not found		
20. Residual solvents	-----	Meet to requirement	Meet to requirement	-----	Residual solvents limits testing method (USP42 chapter <467>)

Remark: Lead: <1ppm (Testing method GB/T5009.75-2003) Cadmium <0.1ppm (Testing method GB/T5009.75-2003) Mercury <0.03ppm (Testing method GB/T5009.75-2003)
Coliforms: Not found (Testing method: CHP2015 Addenda XI J) Arsenic: <1ppm (Testing method: CHP2015 Addenda VIII J) Easily Carbonizable substances: Colourless (Testing method: CHP2015 Addenda VIII O)

Conclusion: Comply with JP17/First Supplement to USP 43-NF 38 We hereby declare our product comply with GMP, ISO9001, ISO22000. We hereby certify our product is BSE/TSE free. **AUTHORIZOR:** 吴琼 **CHECKER:** 郭云涛 **TESTER:** 于洋