

CERTIFICATE OF ANALYSIS

MANUFACTURER: QIANJIANG WANGANG PHARMACEUTICAL CO., LTD

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Name of product: TAURINE FOOD GRADE	CAS No. 17-35-7	
Batch size: 19000kgs	Packing in 25kg/carton	Batch No.: XK20072045
Manufacture date: 2020-07-21	Expiry date: 2023-07-20	Reported date: 2020-07-27

Item of Inspection	Standard of JP17	Standard of USP 41	Testing result	Testing Method of JP17	Testing Method of USP 41
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)	(USP41 chapter <197K>)
		B. Retention Time	Positive		(USP41 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 (USP41 chapter <221>)
4. Sulfate:	0.010%max	0.03%max	<0.010%	Sulfate limit test (JP17: General tests 1.14)	Sulfate limit test (USP41 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)	(USP41 chapter <241>)
8. PH:	4.1~5.6	-----	5.1	Page 1643 (JP17)	-----
9. Related substances:	0.2% max	-----	<0.2%	(JP17: General tests 2.03)	-----
10. Loss on drying:	0.20%(105 °C, 2 hours)max	0.3%(105°C, 3hours)max	0.10%	Loss on drying test (JP17: General tests 2.41)	1g/105° C/3hrs (USP41 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 (USP41 chapter <281>)
12. Assay (on the dried basis):	99.0%~101.0%	98.0%~102.0%	99.2%	Titrimetry (JP17: General tests 2.50)	(USP41 chapter <621>)
13. Total aerobic microbial count:	NMT 1000/g	NMT 1000/g	<10/g	Microbial limit testing method (CHP2015 general rule 1105)	Microbial limit testing method (CHP2015 general rule 1105)
14. Mold & Yeast:	NMT 100/g	NMT 100/g	<10/g		
15. E. coli:	Negative/10g	Negative/10g	Not found	Microbial limit testing method (CHP2015 general rule 1106)	Microbial limit testing method (CHP2015 general rule 1106)
16. Salmonella:	Negative/25g	Negative/25g	Not found		

Conclusion: Comply with JP17/ First Supplement to USP 41–NF 36.

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

We hereby certify our product is BSE/TSE free.

AUTHORIZOR:



CHECKER:



TESTER:

