



CERTIFICATE OF ANALYSIS

品名 Product Name	L-胱氨酸 L-Cystine		
批号 Batch No	BJM202008003	生产日期 Mfg Date	2020.08.07
报告日期 Report Date	2020.08.14	复测日期 Retest Date	2022.08.06
批量 Batch Quantity	1000kg	包装 Packing	25kg / fiber drum

项目 Test Item	标准(FCC10) Test Specification	检测结果 Test Result
外观 Appearance	White crystal or crystalline powder	Conforms
鉴别 Identification	Infrared absorption spectrum	Conforms
含量 Assay	98.5 to 101.5 %	99.2%
铅 Lead	Not more than 3ppm	<3ppm
砷 Arsenic(as As ₂ O ₃)	Not more than 1ppm	<1 ppm
干燥失重 Loss on Drying	Not more than 0.2%	0.17%
灼烧残渣 Residue on Ignition (sulfated)	Not more than 0.1%	<0.10%
比旋度 Specific rotation [α] _{D20}	-215 to -224°	-216°
重金属 Heavy metals (Pb)	Not more than 10ppm	<10ppm
含氯量 Chloride(Cl)	Not more than 800ppm	<800ppm
硫酸根 Sulfate(SO ₄)	Not more than 500ppm(IN-HOUSE)	<500ppm
目数 Mesh Size	100% pass 20Mesh	Conforms
菌落总数 Total Plate Count	Not more than 1000cfu/gram	Conforms
霉菌和酵母 Mold & Yeast	Not more than 100cfu/gram	Conforms
大肠菌群 Coliforms	Not more than 10cfu/gram	Conforms
大肠杆菌 E. Coli	Negative	Negative
沙门氏菌 Salmonella	Negative	Negative
假单胞菌 Pseudomonas	Negative	Negative
金黄色葡萄球菌 S. Aureus	Negative	Negative

Conclusion :Agree with the specifications of FCCVI and 100% pass 20 mesh.

STORAGE CONDITIONS: PRESERVE IN TIGHT CONTAINERS AT CONTROLLED ROOM TEMPERATURE

Analyst: 唐永丰

Checker: 徐平

Sign Date:2020.08.14

