

PREMIUM INGREDIENT CO.,LTD

检 测 报 告
CERTIFICATE OF ANALYSIS

产品名称: L-半胱氨酸盐酸盐一水物 Product Name:L-Cysteine HCL Monohydrate	数 量: Quantity:2000kg	批 号: Batch No:BY20220223
生产日期: Producing date:Feb.23,2022	检验日期: Date of Analysis:Feb.23,2022	有效期: Expiry date:Feb.22,2024
参照标准: Reference standard: AJI92	包装: Package: 25kg Paper Drum	CAS No.: 7048-04-6
项 目 Item	规 格 Specifications	分 析 结 果 Results
比旋光 Specific rotation $[α]_D^{20}$	+5.5° ~ +7.0°	+6.0°
溶解状况 State of solution (Transmittance)	Clear and colorless ≥98.0%	99.2%
干燥失重 Loss on drying	8.5%-12.0%	11.49%
灼烧残渣 Residue on ignition	≤0.10%	0.05%
氯化物 Chloride (Cl)	19.89% ~ 20.29%	20.04%
硫酸盐 Sulfate (SO ₄)	≤0.02%	<0.02%
重金属 Heavy metals (Pb)	≤0.001%	<0.001%
铁盐 Iron (Fe)	≤0.001%	<0.001%
铵盐 Ammonium (NH ₄)	≤0.02%	<0.02%
PH 值 PH value	1.5~2.0	1.7
含量 Assay	99.0% ~100.5%	99.7%
结论: 本产品符合 AJI92 的要求. Conclusion: This product complies with AJI92 standard.		

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