



杭州科莱普科技有限公司

HANGZHOU CLAP TECHNOLOGY CO.,LTD

Address: Room No. 4198, The 4th building, Shanxian Road, Xiacheng District, Hangzhou City, Zhejiang Province, China
Tel: +86-571-56972507 Email: bobtang@hzclap.com

检验报告单

CERTIFICATE OF ANALYSIS

产品名称 Product Name:	N-Acetyl-L-Cysteine		
CAS 编号 CAS NO.:	616-91-1	分子式 Molecule Formula:	C ₅ H ₉ NO ₃ S
批号 Batch NO.:	20062001	生产日期 MFG Date:	2020-07-20
检测日期 Inspect Date:	2020-07-20	有效期 Expiry Date:	2022-07-19

项目&检验结果

ITEMS&RESULTS

检验项目 ITEMS	检验标准 INSPECTION CRITERION	检验结果 RESULTS
Appearance	White crystals or crystalline powder	Conforms
Identification	Meet the requirements	Conforms
Specific rotation[α] _D ²⁰	+21.3 ° ~ +27.0 °	+25.4 °
State of solution	≥98.0%	98.8%
Chloride	≤0.04%	<0.04%
Ammonium (NH ₄)	≤0.02%	<0.02%
Sulfate (SO ₄)	≤0.03%	<0.03%
Iron (Fe)	≤20ppm	<20ppm
Heavy metals (Pb)	≤10ppm	<10ppm
Arsenic (As ₂ O ₃)	≤1ppm	<1ppm
Other amino acids	Chromatographically not detectable	Conforms
Loss on drying	≤0.5%	0.21%
Residue on ignition	≤0.2%	0.07%
Assay	98.5%~101.0%	99.5%
PH	2.0~2.8	2.3
Melting point	106°C~110°C	108.2°C~108.7°C
结论 Conclusion	本产品经检验，以上项目均符合企业标准。 Conforms with the standard of AJ192.	

Quatity Control: 许晴飞

Check: 徐丽 Inspector: 陈国栋

