



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：柠檬酸, 一水
英文名称(English Name)：Citric acid monohydrate
分子式(Molecular Formula)：C₆H₈O₇·H₂O
分子量(Molecular Wt)：210.14
CAS：5949-29-1
储存条件(Storage Condition)：RT
货号(Item No)：V33745
批号 (Lot. Number)：J2409841
检测日期(Date of Testing)：2026-08-05
复测日期(Date of Retesting)：2029-08-04

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Assay	99.5%min	99.99%
Water	7.5-8.8 (%) (KF)	8.50000 %
Ignition Residue	0-0.05 (%)	0.00360 %
Mercury(Hg)	0-1 (ppm)	0.05000 ppm
Sulfate(SO ₄ ²⁻)	0-100 (ppm)	87.00000 ppm
Copper(Cu)	0-10 (ppm)	5.00000 ppm
pKa	6.8	6.8
Suitability,complies for appearance of solution	Complies for appearance of solution	Complies for appearance of solution
Suitability,complies for reaction against H ₂ SO ₄	Complies for reaction against H ₂ SO ₄	Complies for reaction against H ₂ SO ₄
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu