



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：正戊烷磺酸钠 一水合物
英文名称(English Name)：Sodium 1-pentanesulfonate monohydrate
分子式(Molecular Formula)：CH₃(CH₂)₄SO₃Na · H₂O 分子量(Molecular Wt)：192.21
CAS：207605-40-1 储存条件(Storage Condition)：RT
货号(Item No)：S44424 批号 (Lot. Number)：KS374632
检测日期(Date of Testing)：2025-04-27 复测日期(Date of Retesting)：2028-04-26

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
Purity	99% min (HPLC)	99.37%
UV Absorbance 220nm	0-0.06	0.1448
Hydrogen by Elemental Analysis	6.69-6.82 %	6.738 %
Carbon by Elemental Analysis	30.5-31.6 %	30.89 %
UV Absorbance 230nm	0-0.04	0.0318
UV Absorbance 260nm	0-0.02	0.0158
UV Absorbance 210nm	0-0.1	0.0578
UV Absorbance 500nm	0-0.02	0.0118
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu