



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：N-甲酰-DL-色氨酸

英文名称(English Name)：N-Formyl-DL-Tryptophan

分子式(Molecular Formula)：C₁₂H₁₂N₂O₃

分子量(Molecular Wt)：232.24

CAS：16108-03-5

储存条件(Storage Condition)：RT

货号(Item No)：S43271

批号 (Lot. Number)：KS394324

检测日期(Date of Testing)：2025-07-28

复测日期(Date of Retesting)：2028-07-27

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White to Off-White to beige Powder	White to Off-White to beige Powder
Purity	98% min (HPLC)	98.2%
Carbon by Elemental Analysis	60.6-62.3 (%)	61.25000 %
Nitrogen by Elemental Analysis	11.6-12.3 (%)	11.96000 %
Oxygen by Elemental Analysis	20.1-20.9 (%)	20.36000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH	Almost transparency	Almost transparency

Quality Assurance：Xiaoyong Tan

Quality Control：Yunfei Zhu

