



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：胆固醇十七(烷)酸酯

英文名称(English Name)：Cholesterol Heptadecanoate

分子式(Molecular Formula)：C44H78O2

分子量(Molecular Wt)：639.09

CAS：24365-37-5

储存条件(Storage Condition)：-20℃

货号(Item No)：V36168

批号 (Lot. Number)：E2423221

检测日期(Date of Testing)：2026-08-27

复测日期(Date of Retesting)：2029-08-26

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White to almost white powder to flakes to crystal	White to almost white powder to flakes to crystal
Purity	97%min (HPLC)	99.50%
Specific rotation[α] _{20D}	-23--17 (°) (c=5 in THF)	-19.775 °
Hydrogen by Elemental Analysis	11.60-12.82 (%)	12.36000 %
Carbon by Elemental Analysis	78.53-86.80 (%)	82.50400 %
Carbon NMR Spectrum	Conforms to structure	Conforms to structure

Quality Assurance：Xiaoyong Tan

Quality Control：Yunfei Zhu

