



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：甲氨蝶呤水合物

英文名称(English Name)：Methotrexate hydrate

分子式(Molecular Formula)：C₂₀H₂₂N₈O₅·xH₂O

分子量(Molecular Wt)：454.44 (anhydrous basis)

储存条件(Storage Condition)：避光,-20℃储存,充氩

CAS：133073-73-1

货号(Item No)：V36382

批号 (Lot. Number)：H2607036

检测日期(Date of Testing)：2026-09-21

复测日期(Date of Retesting)：2029-09-20

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Assay	98% min (Anhydrous Basis)	99.62%
Specific rotation[α] _{20D}	19-24°(c=10mg/ml in 0.05M sodium carbonate)	19.1°
Water	12% max	11.59370 %
Related Compounds(Any unspecific impurity)	0.1% max	0.08300 %
Related Compounds(Total impurities)	1% max	0.41000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Related Compounds(Individual impurities)	Pass	Pass

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu