上海源叶生物科技有限公司
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质 量 检 验 报 告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：活性橙16

英文名称(English Name ）：Reactive Orange 7

分子式(Molecular Formula)：C20H17N3Na2O11S3

分子量(Molecular Wt)：617.54

CAS：12225-83-1

储存条件(Storage Condition)：RT

货号(Item No)：T83410

批号 (Lot. Number)：LT444697

检测日期(Date of Testing)：2026-03-04

复测日期(Date of Retesting)：2029-03-03

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	Orange to Very Dark Orange and Red to Very Dark Red and Orange-Red and Red-Orange Powder	Orange to Very Dark Orange and Red to Very Dark Red and Orange-Red and Red-Orange Powder
Purity	70% min (HPLC)	80.00%
Extinction Coefficient(λ:491 - 497 nm，c = 0.01g/L Water)	≥ 11000	16700.0
Extinction Coefficient(λ:385 - 391nm)	≥ 6000	10129.0
xtinction Coefficient(λ:294 - 300nm)	≥ 11000	16141.0
Extinction Coefficient(λ:251 - 257nm)	≥ 13000	17693.0
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

Quality Assurance：Xiaoyong Tan

Quality Control：Yunfei Zhu

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质检专用章