



CERTIFICATE OF ANALYSIS

品 名 Product	甲基红	分 子 式 Molecular formula	C15H15O2N3
英文名称 English Nam	Methyl red	批 号 Batch NO.	20230318
规格 Specification	IND	检验日期 Test date	202303.18
依 据 According to	HG/T 3449---1999	报告日期 Report date	2023.03.18

项 目 Items	标 准 Standard	结 果 Results
最大吸收波长, Maximum Bsorption Wavelength λ_1 (PH4.5) ,nm λ_2 (PH6.2) ,nm	523~528 427~437	523 430
质量吸收系数 Mass Absorption Coefficient λ_1 (PH4.5) ,L/(cm • g) λ_2 (PH6.2) ,L/(cm • g)	≥ 130 ≥ 70	146.0 73
乙醇溶解试验 Alcohol Dissolve Testing	Pass testing	Passed
灼烧残渣 Ignition Residue (以硫酸盐计)	≤ 0.2	0.05
PH 变色域 PH Discoration	4.5 (red) ~6.2 (yellow)	4.5 (red) ~6.2 (yellow)
干燥失重 Lost on drying	≤ 1.0	0.6
结论 Conclusion THE SUBJECT MATERIAL CONFORMS TO THE REQUIRED STANDARDS.		

Analyst: lijuan

Checker: gaoqian

Authorized Signature & Stamps:

