



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : Brij™ C20聚氧乙烯醚(Brij® 58)
英文名称(English Name) : Brij-C20
分子式(Molecular Formula) : C16H33(OCH2CH2)nOH
储存条件(Storage Condition) : 2-8℃储存
CAS : 9004-95-9
货号(Item No) : V34350
批号 (Lot. Number) : KV372636
检测日期(Date of Testing) : 2025-04-21
复测日期(Date of Retesting) : 2028-04-20

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	White or pale yellow waxy solid	White or pale yellow waxy solid
Solubility	50 mg/ml in H2O	Colorless,clear to lightly hazy solution
Mol wt	average Mn~1124	Conforms
Water	1% max (KF)	0.82%
Peroxide value	0-5 (mOs/kg)	0.00000 mOs/kg
Acid Value	0-1 (mgKOH/g)	0.10000 mgKOH/g
Hydroxy Value	45-60 (mgKOH/g)	51.10000 mgKOH/g
Relative Viscosity(H2O = 1.0;5% in H2O at 25℃)	1.2-1.5	1.26000
CMC (H2O)	0.003-0.005 (mmol/L)	0.00325 mmol/L
Infrared spectrum	Conforms to Structure	Conforms to Structure

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu