

## Certificate of Analysis 产品检验报告单

Product name 产品名称	Acetonitrile乙腈	Standard 执行标准	SH/T 1627.1-2014
Grade 等级	Industrial grade 工业级	Batch NO. 生产批号	20230201
Form last modified on版本最新修订于： 2022-07-01		Test date 检测日期	2023.02.01

Test items 检测项目	Specifications 指标			Results 检验结果
	Premium grade 优等品	First-class products 一等品	Qualified Product 合格品	Grade determination 等级判定
				Premium grade 优等品
Appearance外观	Clear colorless No suspensions 透明液体,无悬浮物			Clear colorless No suspensions 透明液体,无悬浮物
Color色度(Pt-Co)	≤10			5
Density密度(20℃), g/cm <sup>3</sup>	0.781-0.784			0.782
Boiling range沸程(0.10133MPa), °C	81.0-82.0	80.0-82.0		81.0
Acidity酸度(As Acetic Acid), mg/kg	≤50	≤100	≤300	40
Water content水分, w/%	≤0.03	≤0.10	≤0.30	0.011
Hydrocyanic acid 总氰(以氢氰酸计), mg/kg	≤10	≤10	≤10	<10
Ammonia氨, mg/kg	≤6	≤6	≤6	<6
Acetone丙酮, mg/kg	≤25	≤50	≤50	<25
Acrylonitrile丙烯腈, mg/kg	≤25	≤80	≤100	<25
Heavy component重组分(含丙腈), mg/kg	≤500	≤1000	≤1000	<500
Cu铜, mg/kg	≤0.5	≤0.5	≤0.5	<0.5
Fe铁, mg/kg	≤0.5	≤0.5	≤0.5	<0.5
Purity纯度, w/%	≥99.9	≥99.7	≥99.5	99.98
UV透光率(1cm water)				
230nm, %	≥80			96.7
250nm, %	≥95			98.4
Test conclusion 检测结论	Pass 合格		QC conclusion 质控结论	Pass 合格

