

## 产品质量检测报告

Material 货号	DW1.01003.4000
Material description 名称	Acetonitrile 乙腈
Grade 等级	DWSCI Chromatographic grade for HPLC grade-suitable for UPLC/UHPLC/HPLC instruments HPLC梯度乙腈适用于UPLC/HPLC
Lot 批次号	DW9A911222
Production date 生产日期	11/2019
CAS Number CAS号	75-05-8
Molecular formula 化学式	C <sub>2</sub> H <sub>3</sub> N
Molecular mass 分子量	41.05
Last Quality Control 有效期至	10/2022

Characteristics 检测项目	Specifications 标准规定	Measured values 测量值	
Assay(on anhydrous substance) 含量	Min.99.9%	99.99%	
Solution (100g/l) 溶解度	Neutral	Neutral	
Acidity 酸度	Max. 0.0002 meq/g	0.000085 meq/g	
Alkalinity 碱度	Max. 0.0002 meq/g	0.000050 meq/g	
Boiling point 沸点	80-->82℃	81℃	
Colouration 色度	Max. 10 APHA	10 APHA	
Density (20/4) 密度 (4℃)	0.781 --> 0.784	0.782	
Density (20/20) 密度 (20℃)	0.782 --> 0.785	0.783	
n 20/D 折光率	1.343 --> 1.345	1.343	
Evaporation residue 蒸发残渣	Max. 2 ppm	0.96 ppm	
Water 水分	Max. 200 ppm	32.4 ppm	
Absorbance 吸光度	(190 nm)	Max. 1.0	0.402
	(195 nm)	Max. 0.1	0.056
	(200 nm)	Max. 0.02	0.018
	(210 nm)	Max. 0.02	0.013
	(220 nm)	Max. 0.01	0.008
	(230 nm)	Max. 0.01	0.004
	大于(240 nm)	Max. 0.005	<0.005

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user

本产品用于实验室或制造中的专业用途，不用作活性药物成分、食物或动物喂养；产品的适用性和预期用途仍然是用户的责任。

DWSCI Hubei Fudun Biochemistry Technology Co., Ltd. 湖北弗顿生化科技有限公司

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Characteristics	检测项目	Specifications 标准规定	Measured values 测量值
Transmittance 透光率	(190 nm)	Min. 10%	39.6%
	(195 nm)	Min. 80%	87.9%
	(200 nm)	Min. 95%	96.0%
	(210 nm)	Min. 96%	97.1%
	(220 nm)	Min. 97%	98.2%
	(230 nm)	Min. 98%	99.1%
	大于(240 nm)	Min. 99%	>99.5%
Gradient (210 nm)	梯度 (210 nm)	Max. 2.0 mAU	0.82 mAU
Gradient (254 nm)	梯度 (254 nm)	Max. 1.0 mAU	<1.0 mAU
Conforms to Ch.P.	满足中国药典	Passes test	Passes test
Conforms to Reag.Ph.Eur.	满足欧洲药典	Passes test	Passes test
Conforms to ACS	满足美国化学学会标准	Passes test	Passes test

### Signature 签名

We certify that the batch of products meet the above specifications.

我们保证这批产品符合上述要求。

Head of Laboratory-  
分析室经理-



FT SCI Group Company; FORTUNE TREE Chemical Analysis  
and Testing Center China  
弗顿控股  
弗顿分析检测中心

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