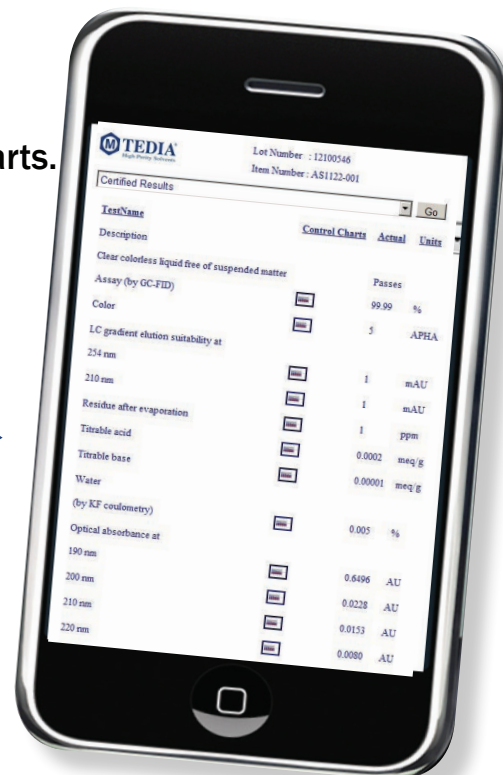
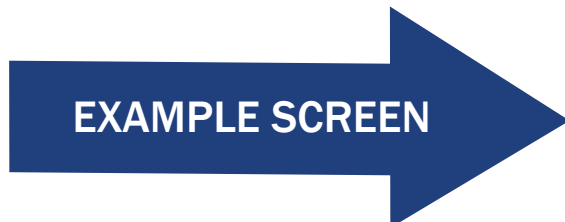


QR Codes on Tedia Product label allow your smart phone to link directly to Tedia COA, Specifications, SDS, and product Control Charts.



Scan QR Code



Lot Number : 12100546
Item Number : AS1122-001

Certified Results

TestName	Control Charts	Actual	Units
Description			
Clear colorless liquid free of suspended matter		Passes	
Assay (by GC-FID)		99.99	%
Color		5	APHA
LC gradient elution suitability at			
254 nm		1	mAU
210 nm		1	mAU
Residue after evaporation		1	ppm
Titration acid		0.0002	meq/g
Titration base		0.00001	meq/g
Water (by KF coulometry)		0.005	%
Optical absorbance at			
190 nm		0.6496	AU
200 nm		0.0228	AU
210 nm		0.0153	AU
220 nm		0.0080	AU
230 nm		0.004	AU
254 nm		0.0015	AU
400 nm		0.001	AU

Lot Number : 12100546
Item Number : AS1122-001

Current Specification

TestName	Limits
Description	
Clear colorless liquid free of suspended matter	
Assay (by GC-FID)	
Color	
LC gradient elution suitability at	
254 nm	
210 nm	
Residue after evaporation	
Titration acid	
Titration base	
Water (by KF coulometry)	
Optical absorbance at	
190 nm	
200 nm	
210 nm	
220 nm	
230 nm	
254 nm	
400 nm	

Page 1 of 6

SAFETY DATA SHEET

1000 Tedia Way
Fairfield, Ohio 45014
USA
Email: tedia@tedia.com
Web: www.tedia.com

24-Hour Emergency Number (CHEMTREC)
USA: 800-424-9300
International: 703-627-3887

All non-emergency numbers should be directed to Customer Service at 800-PURITY1

ACETONITRILE

SDS No. M0004

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Acetonitrile
Synonyms: Cyanomethane, Ethanenitrile, Ethyl Nitrile, Methyl Cyanide, Methanecarbonitrile
Recommended Use: This product is recommended for laboratory and manufacturing use only. It is not recommended for drug, food or household use.

2. HAZARDS IDENTIFICATION




Classification:
Flammable Liquid: GHS Category 2
Skin Irritation: GHS Category 4
Eye Irritation: GHS Category 2
Specific Target Organ Toxicity for single exposure: GHS Category 3

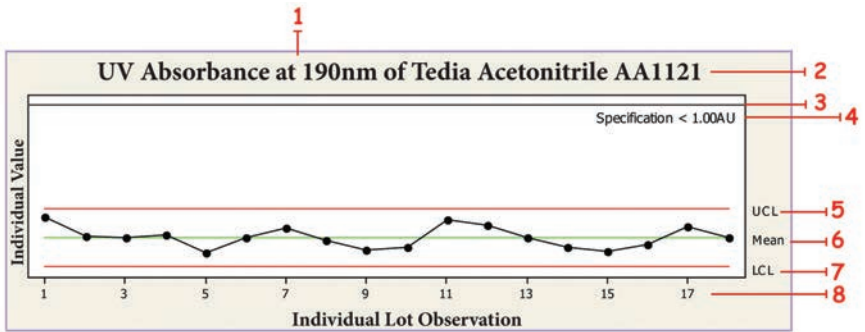
Label Elements:
Signal Word: DANGER!
Hazard Statements:
 H225 – Highly flammable liquid and vapor.
 H305 – May be harmful if swallowed and enters airways.
 H320 – Causes eye irritation.
 H332 – Harmful if inhaled.

Precautionary Statements:
 P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 – If on skin or hair: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P403 – Store in a well ventilated place.

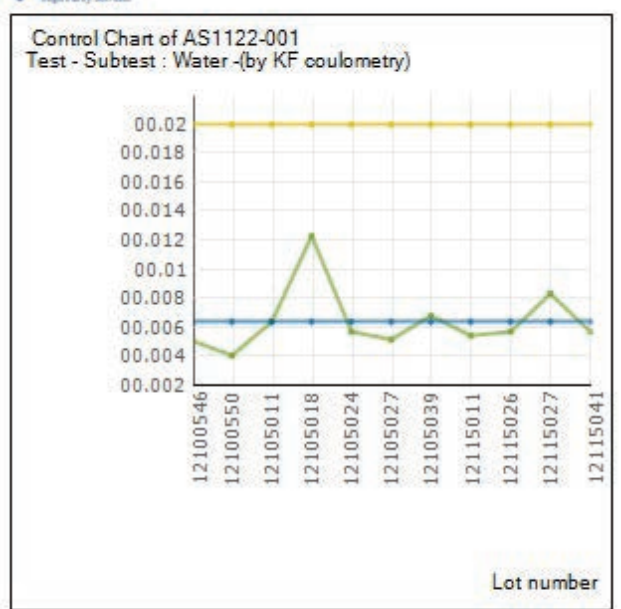
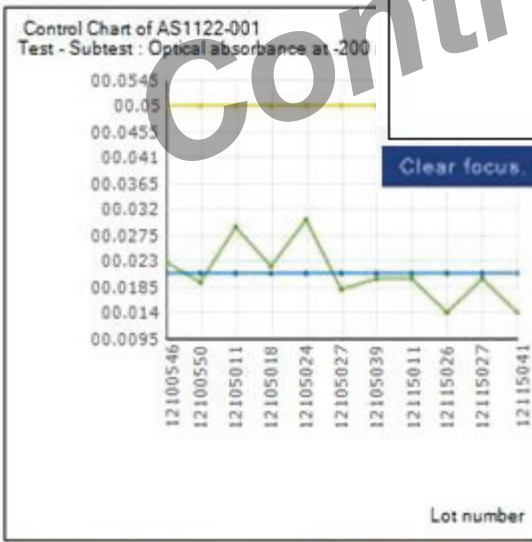
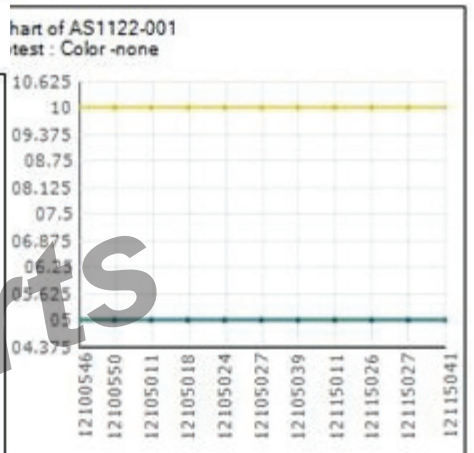
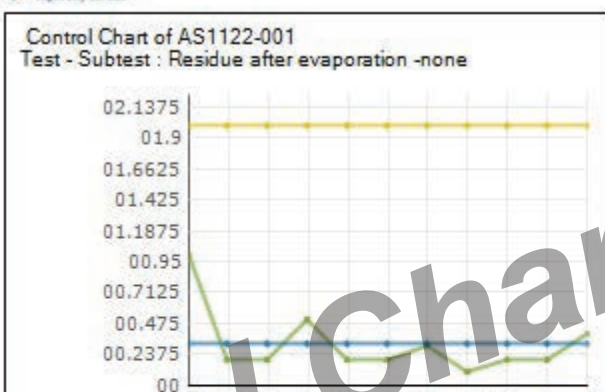
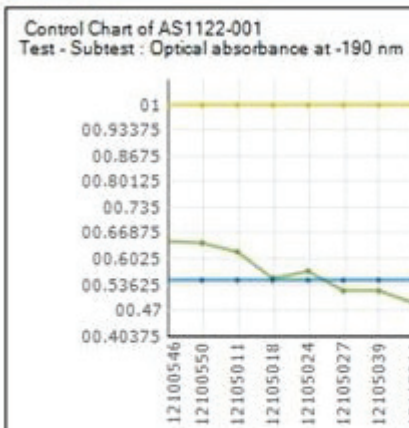
CONTROL CHART

Control charts show the consistency Tedia achieves using the T²P² process for controlled manufacturing of high purity solvents.

Every Tedia product is thoroughly controlled within the specification. You can count on the consistent quality of Tedia's high purity solvents.



- 1 Chart Description
- 2 Tedia Product Number
- 3 Actual Spec Limit Line
- 4 Actual Spec Limit Value
- 5 Upper Control Limit = 3 σ (from the Mean)
- 6 Mean Line
- 7 Lower Control Limit = 3 σ (from the Mean)
- 8 Individual Lots



Clear focus. Consistent results. Complete confidence.

Clear focus. Consistent results. Complete confidence.

Analytical Assignment Sheet (Wet Chemistry Reports, UV Plots, HPLC, IR) is also available through the QR code.

Clear focus. Consistent results. Complete confidence.