

Specifications

Name: Acetonitrile
Catalog No: AS1126-048
Grade: UHPLC/HPLC+

Test Name

Description

Clear colorless liquid free of suspended matter

Assay (by GC-FID)

(Corrected for Water)

Carbonyl compounds

(as Acetone)

Color

Density at

25°C

Fluorescence at emission maximum for Impurities

(as Quinine sulfate)

Fluorescence at emission maximum for Impurities at

450 nm

Fluorescence at emission maximum for Impurities

(PAH)

LC gradient elution suitability at

210 nm

254 nm

Residue after Evaporation

Titration Acid

Titration Base

Water

(by KF coulometry)

UV cut-off

Optical Absorbance at

190 nm

200 nm

220 nm

254-400 nm

Limits

Passes Test

Min 99.9 %

Max 25 ppb

Max 10 APHA

0.775-0.780 g/ml

Max 1.0 ppb

Max 0.3 ppb

Max 0.5 ppb

Max 0.002 AU

Max 0.0005 AU

Max 1 ppm

Max 0.0008 meq/g

Max 0.0006 meq/g

Max 100 ppm

Max 190 nm

Max 1.00 AU

Max 0.05 AU

Max 0.01 AU

Max 0.005 AU