

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Acetonitrile**
 Specifications & Purity: for UHPLC, suitable for mass spectrometry (MS)
 SKU #: **A433531**

Parameter	Limit Values
Appearance(A433531)	Clear,Colorless Liquid
Infrared spectrum	Conforms to structure
Purity(GC)	99.92-100 (%)
UV Absorbance 230nm	0-0.004
UV Absorbance 200nm	0-0.022
UV Absorbance 195nm	0-0.09
Water by Karl Fischer	0-0.01 (%)
Residue on Evaporation	0-0.0002 (%)
Benzene	0-0.09 (%)
Propionitrile	0-0.1 (%)
Fluorescence (quinine) at 254 nm	0-0.5 (ppb)
Fluorescence (quinine) at 365 nm	0-0.5 (ppb)
HPLC Absorbance 210 nm	0-0.9 (mAU)
HPLC Absorbance 254 nm	0-0.2 (mAU)
baseline drift, (210 nm)	0-10 (mAU)
LC-MS for identification	Conforms
Alkalinity (as NH ₃)	0-0.0001 (%)
Free Acid(as Acetic Acid)	0-0.001 (%)
Aluminum(Al)	0-20 (ppb)
Cadmium(Cd)	0-20 (ppb)
Calcium (Ca)	0-20 (ppb)
Chromium(Cr)	0-15 (ppb)
Cobalt (Co)	0-15 (ppb)
Copper(Cu)	0-10 (ppb)
Iron(Fe)	0-20 (ppb)
Magnesium (Mg)	0-20 (ppb)
Manganese(Mn)	0-20 (ppb)
Nickel(Ni)	0-20 (ppb)
Potassium(K)	0-20 (ppb)
Silver (Ag)	0-20 (ppb)
Sodium(Na)	0-20 (ppb)
Stannum(Sn)	0-20 (ppb)



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Parameter

Zinc(Zn)

Limit Values

0-20 (ppb)