

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Acetonitrile**
 Specifications & Purity: **UHPLC**
 SKU #: **A493673**

Parameter	Limit Values
Appearance(A493673)	Colorless Clear Liquid
Infrared spectrum	Conforms to Structure
UV Absorbance 230nm	0-0.004
UV Absorbance 200nm	≤0.022
UV Absorbance 195nm	≤0.09
Water by Karl Fischer	0-0.01 (%)
Residue on Evaporation	0-0.0002 (%)
Purity(GC)	99.9-100 (%)
Propionitrile	0-0.1 (%)
Fluorescence (quinine) at 365 nm	≤0.5 (ppb)
Fluorescence (quinine) at 254 nm	≤0.5 (ppb)
Benzene	0-0.09 (%)
HPLC Absorbance 210 nm	≤0.9 (mAU)
HPLC Absorbance 254 nm	0-0.2 (mAU)
baseline drift, (210 nm)	≤10 (mAU)
Free Acid(as Acetic Acid)	≤0.001 (%)
Aluminum(Al)	≤20 (ppb)
Cadmium(Cd)	≤20 (ppb)
Alkalinity (NH3)	0-0.0001 (%)
Calcium (Ca)	≤20 (ppb)
Chromium (ICP)	≤15 (ppb)
Cobalt (Co)	≤15 (ppb)
Copper(Cu)	≤10 (ppb)
Iron(Fe)	≤20 (ppb)
Magnesium (Mg)	≤20 (ppb)
Manganese(Mn)	≤20 (ppb)
Nickel(Ni)	≤20 (ppb)
Potassium(K)	≤20 (ppb)
Silver (Ag)	≤20 (ppb)
Sodium(Na)	≤20 (ppb)
Tin(Sn)	≤20 (ppb)
Zinc(Zn)	≤20 (ppb)