

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

Product Name: **Acetonitrile**
Specifications & Purity: **for ULC-MS**
SKU #: **A298777**
Version: **1**

Parameter

Limit Values

Transmission 220 nm	98-100 (%)
Transmission 230 nm	99-100 (%)
Iron(Fe)	0-0.02 (ppm)
Water by Karl Fischer	0-0.01 (%)
Calcium(Ca)	0-0.1 (ppm)
Lead(Pb)	0-0.1 (ppm)
Barium(Ba)	0-0.02 (ppm)
Aluminum(Al)	0-0.05 (ppm)
Acidity	0-0.0002 (mg/g)
Transmission 210 nm	97-100 (%)
Residue on Evaporation	0-0.0001 (%)
Purity(GC)	99.9-100 (%)
Sodium(Na)	0-0.1 (ppm)
Nickel(Ni)	0-0.02 (ppm)
Cadmium(Cd)	0-0.02 (ppm)
Manganese(Mn)	0-0.02 (ppm)
Potassium(K)	0-0.1 (ppm)
Zinc(Zn)	0-0.1 (ppm)
Copper(Cu)	0-0.02 (ppm)
Transmission 200 nm	95-100 (%)
Chromium(Cr)	0-0.02 (ppm)
Cobalt (Co)	0-0.02 (ppm)
Silver (Ag)	0-0.1 (ppm)
UV Absorbance 195nm	0-97 (mAU)
UV Absorbance 200nm	0-22 (mAU)
UV Absorbance 210nm	0-13 (mAU)
UV Absorbance 220nm	0-9 (mAU)
UV Absorbance 230nm	0-4 (mAU)
Density (20°C)	0.779-0.783 (g/ml)

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Tax ID: 91310000685518645K

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Parameter

Magnesium (Mg)

Peak absorbance(210 nm)

Peak absorbance(254 nm)

Tin(Sn)

Transmittance 195 nm

UHPLC-MS test ESI- (Digoxin)

UHPLC-MS test ESI+ (Reserpin)

Infrared spectrum

LC-MS for identification

Limit Values

0-0.02 (ppm)

0-12 (mAU)

0-0.2 (mAU)

0-0.1 (ppm)

80-100 (%)

0-20 (ppb)

0-5 (ppb)

Conforms to Structure

Conforms

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