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Specification Sheet

Product Name: **Acetonitrile**
Specifications & Purity: gradient grade, for HPLC, $\geq 99.9\%$
SKU #: **A119010**

Parameter	Limit Values
Purity (CH ₃ CN) (GC)	99.9-100 (%)
Alkalinity	0-0.0002 (mg/g)
Water by Karl Fischer	0-0.02 (%)
Appearance (A119010)	Colorless liquid
UV Absorbance 400nm	≤ 0.0044
UV Absorbance 250nm	≤ 0.0044
UV Absorbance 235nm	≤ 0.0044
UV Absorbance 230nm	≤ 0.0044
UV Absorbance 200nm	≤ 0.032
UV Absorbance 195nm	≤ 0.12
Fluorescence (quinine) at 254 nm	≤ 1.0 (ppb)
Fluorescence (quinine) at 365 nm	≤ 0.5 (ppb)
HPLC Absorbance 210 nm	≤ 3 (mAU)
HPLC Absorbance 254 nm	≤ 0.5 (mAU)
Free Acid(as Acetic Acid)	< 0.001 (%)
baseline drift, (210 nm)	≤ 15 (mAU)
Residue on Evaporation	≤ 0.0005 (%)
Infrared spectrum	Conforms to Structure

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