

Certificate of Analysis

Date of Testing: 2024-09-11 16:09:12

Date of Next Testing: 2028-09-10 16:09:12

Product Name: **Acetonitrile**

CAS Number: 75-05-8

Specifications & Purity: for spectroscopy, ≥99.8%

Lot #: I2404084

SKU #: **A104444**

Version: **4**

Analysis #: **403216**

Parameter	Limit Values	Result
Color Test	0-10	0.00
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
UV Absorbance 193nm	0-1	0.16
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.66 ppb
Assay	99.8-100 (%)	99.93 %
Evaporation Residue	0-0.0005 (%)	0.00 %
Refractive index n _{20/D}	1.343-1.346	1.34
UV Absorbance 220nm	0-0.1	0.01
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 235nm	0-0.02	0.01
UV Absorbance 210nm	0-0.3	0.02
Acidity	0-0.0002 (eq/kg)	0.00000 eq/kg
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.81 ppb
UV Absorbance 250nm	0-0.01	0.01
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager