

# Product Specification

## Acetonitrile, ACS Reagent Grade

**Lot Number:** SAMPLE

**Product Number:** RSOA0019

**Manufacture Date:** N/A

**Recommended Retest Date:** N/A

Name	CAS#	Grade
Acetonitrile	75-05-8	ACS

Test	Specification	Result	NIST SRM#
Absorbance	To Pass Test	N/A	
Absorbance at 190 nm	Actual Value Reported	N/A	930
Absorbance at 220 nm	Actual Value Reported	N/A	930
Absorbance at 254 nm	Actual Value Reported	N/A	930
Appearance	Colorless Liquid	N/A	
Assay	min 99.5 %	N/A	
Color (APHA)	max 10	N/A	
LC Suitability (Gradient Elution Test)	To Pass Test	N/A	
Residue after evaporation (Non-Volatile Matter)	max 0.0005 %	N/A	
Titration Acid	max 8 µeq/g	N/A	
Titration Base	max 0.6 µeq/g	N/A	
Water (H <sub>2</sub> O)	max 0.03 %	N/A	

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type
RSOA0019-4C	4 L amber glass
RSOA0019-55E4	55 gal metal drum

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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