



...Pure Quality

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## Certificate of Analysis

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**Product:** ACS/HPLC Acetone  
**Cat:** CP-C9043  
**Lot:** EJ501  
**Description:** ACS Reagent , for HPLC, Spectrophotometry, meets analytical specification of USP, >99.9%  
**Date of Manufacture:** 2024-Oct-15  
**Use Before Date:** 2027-Oct-14

Meets ACS Specifications

<u>Test</u>	<u>Specification</u>		<u>Result</u>	<u>Units</u>
	<u>Min.</u>	<u>Max.</u>		
Water by Karl Fischer Titration		0.50	0.39	%
UV Cutoff		330	329	nm
Refractive Index (20°C)	1.3583	1.3589	1.3588	
Residue		3	<1	mg/L
GC Analysis (excluding water)	99.9		99.98	%
Solubility in Water	Passes test		Passes test	
Color (APHA)		10	<10	
Titration Acid		0.3	0.21	µeq/g
Titration Base		0.6	0.04	µeq/g
Aldehyde (as HCHO)		0.002	<0.002	%
Isopropyl Alcohol		0.05	<0.05	%
Methanol		0.05	<0.05	%
Substances Reducing Permanganate	Passes test		Passes test	
UV Absorbance @ 340 nm		0.080	0.0477	AU
UV Absorbance @ 350 nm		0.010	0.0028	AU
UV Absorbance @ 375 nm		0.005	0.0001	AU
UV Absorbance @ 400 nm		0.005	<0.0001	AU

Quality Control Approval

LIMS Sample No.: AP02623  
10/15/2024