



...Pure Quality

---

## Certificate of Analysis

---

**Product:** ACS/HPLC Acetone  
**Cat:** CP-C9043  
**Lot:** DS051X  
**Date of Manufacture:** 4/24/17  
**Use Before Date:** 4/23/20

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	0.24	%
UV Cutoff		330	328	nm
Refractive Index (20°C)	1.3583	1.3589	1.3585	
Residue		3	<1	mg/L
GC Analysis (excluding water)	99.9		99.94	%
Solubility in Water	Passes test		Passes test	
Color (APHA)		10	<10	
Titration Acid		0.3	0.24	µeq/g
Titration Base		0.6	0.08	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	0.0476	AU
UV Absorbance @ 350 nm		0.010	0.0024	AU
UV Absorbance @ 375 nm		0.005	0.0013	AU
UV Absorbance @ 400 nm		0.005	0.0012	AU

Quality Control Approval

*Janna Dickinson*

LIMS Sample No.: AI06434  
4/24/2017