



CERTIFICATE OF ANALYSIS

Honeywell Burdick & Jackson®

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Brand: Research Chemicals - Riedel-de Haën
Product: 34851
Lot No.: EJ375
Production Date: 17-Sep-2024
Best Before: 17-Sep-2027

Acetonitrile, CHROMASOLV®, for HPLC
Gradient grade

Parameter	Specification		Result	Units
	Min.	Max.		
Appearance (Color)	Colorless		Colorless	
Appearance (Form)	Liquid		Liquid	
GC Analysis	99.9		99.99	%
HPLC Absorbance @ 210 nm		3	<3	mAU
HPLC Absorbance @ 254 nm		0.5	<0.5	mAU
HPLC Baseline Drift @ 210 nm		15	<15	mAU
Water by Karl Fischer Titration		0.020	0.001	%
Residue		0.0005	<0.0005	%
UV-Visible Spectrum				
Absorbance @ 250nm		0.0044	0.0002	AU
Absorbance @ 235nm		0.0044	0.0021	AU
Absorbance @ 230nm		0.0044	0.0031	AU
Absorbance @ 200nm		0.0320	0.0200	AU
Absorbance @ 195nm		0.1200	0.0781	AU
Acidity (as Acetic Acid)		0.001	<0.001	%
Alkalinity (as NH3)		0.0002	<0.0002	%
Fluorescence @ 254 nm (as Quinine)		1	<1.0	ppb
Fluorescence @ 365 nm (as Quinine)		0.5	<0.5	ppb

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Quality Control Approval