



CERTIFICATE OF ANALYSIS

**Honeywell Burdick & Jackson®**

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**Brand:** Research Chemicals - B&J  
**Product:** LC015  
**Lot No.:** EH926  
**Production Date:** 11-Dec-2023  
**Best Before:** 10-Dec-2025

Acetonitrile, B&J Brand™ LC-MS, >99.9%  
for LC-MS and HPLC

Parameter	Specification		Result	Units
	Min.	Max.		
Water by Karl Fischer Titration		0.010	0.001	%
Residue		1	<0.5	mg/L
GC Analysis	99.9		99.98	%
UV Cutoff		190	187	nm
Refractive Index (20°C)	1.3434	1.3446	1.3438	
HPLC Gradient Elution	Passes test		Passes test	
Fluorescence (as quinine base)		0.30	0.05	ppb
LC-MS Positive Mode (as reserpine)		50	<50	ppb
LC-MS Positive Mode (as caffeine)		100	<100	ppb
LC-MS Negative Mode (as 4-nitrophenol)		50	<50	ppb
Trace Metals	Passes test		Passes test	

**Honeywell**  
**Quality Control Approval**