



CERTIFICATE OF ANALYSIS

**Honeywell Burdick & Jackson®**

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**Brand:** Research Chemicals - B&J  
**Product:** 015  
**Lot No.:** EB727  
**Production Date:** 2-Jun-2021  
**Best Before:** 2-Jun-2023

Acetonitrile UV, B&J Brand™, >=99.9%  
for HPLC, gradient grade, GC, pesticide residue analysis and spectrophotometry

| Parameter                       | Specification |        | Result  | Units |
|---------------------------------|---------------|--------|---------|-------|
|                                 | Min.          | Max.   |         |       |
| Water by Karl Fischer Titration |               | 0.01   | 0.001   | %     |
| UV Cutoff                       |               | 190    | 188     | nm    |
| Refractive Index (20°C)         | 1.3434        | 1.3446 | 1.3438  |       |
| Residue                         |               | 1      | <0.5    | mg/L  |
| GC Analysis                     | 99.9          |        | 99.98   | %     |
| Electron Capture GC             |               | 10     | <10     | ng/L  |
| Fluorescence (as quinine base)  |               | 0.30   | 0.05    | ppb   |
| HPLC Gradient @ 215 nm          |               | 0.005  | <0.0050 | AU    |
| HPLC Gradient @ 254 nm          |               | 0.001  | <0.0010 | AU    |
| UV Absorbance @ 200 nm          |               | 0.050  | 0.0214  | AU    |
| UV Absorbance @ 210 nm          |               | 0.040  | 0.0160  | AU    |
| UV Absorbance @ 225 nm          |               | 0.010  | 0.0031  | AU    |
| UV Absorbance @ 250 nm          |               | 0.005  | 0.0006  | AU    |
| UV Absorbance @ 350 nm          |               | 0.005  | <0.0001 | AU    |

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