

## Certificate of Analysis

Date of Testing: 2024-11-20 15:45:16

Date of Next Testing: 2026-11-20 15:45:16

Product Name: **2-Acetyl-3,5(6)-dimethylpyrazine**

CAS Number: 54300-08-2

Specifications & Purity: ≥98%, mixture of isomers

Lot #: B2304171

SKU #: **A135006**

Version: **0**

Analysis #: **439046**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                                | Result                                      |
|-------------------------------------|---------------------------------------------|---------------------------------------------|
| Lead(Pb)                            | 0-10 (ppm)                                  | 2.65 ppm                                    |
| Cadmium(Cd)                         | 0-1 (ppm)                                   | 0.36 ppm                                    |
| (As)Arsenic                         | 0-3 (ppm)                                   | 0.24 ppm                                    |
| Mercury(Hg)                         | 0-1 (ppm)                                   | 0.32 ppm                                    |
| Refractive index n <sub>20</sub> /D | 1.515-1.519                                 | 1.52                                        |
| Purity(Mixture of isomers ,GC)      | 98-100 (%)                                  | 98.01 %                                     |
| Appearance (A135006)                | Light Yellow to Orange Liquid or Semi-Solid | Light Yellow to Orange Liquid or Semi-Solid |
| Proton NMR spectrum                 | Conforms to Structure                       | Conforms to Structure                       |



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