

**Certificate of Analysis****Product: Formic Acid 88% Solution, ACS Grade****Item Number: FAA88****CAS#: 64-18-6****Grade: ACS****Lot Number: 5001272/2.1****Manufacture Date: 02/04/2025****Expiration Date: 02/03/2028****Country of Origin: United States**

| Tested Property            | Specification                               | Analysis |
|----------------------------|---------------------------------------------|----------|
| Visual                     | Pass the test                               | Pass     |
| Assay                      | > 88.0%                                     | 89.40%   |
| Color APHA                 | Max 15                                      | 15       |
| Dilution test              | No turbidity observed within 1 hour         | Pass     |
| Residue after evaporation  | Max 0.002%                                  | 0.001%   |
| Acetic Acid                | Max 0.4%                                    | < 0.1%   |
| Ammonium                   | Max 0.005%                                  | < 0.005% |
| Heavy Metals (on Pb basis) | Max 5 ppm                                   | <1 ppm   |
| Iron                       | Max 5 ppm                                   | <1 ppm   |
| Sulfate                    | Max 0.002%                                  | < 0.001% |
| Sulfite                    | The mixture retains a distinct yellow color | Pass     |
| Chloride                   | Max 0.001%                                  | < 0.001% |

**Formic Acid 88% Solution, ACS Grade**

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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