



## **Certificate of Analysis**

**Compound Information** 

Product Name: Trifluoromethanesulfonic acid (silver)

Cat. No.:1105895CAS No.:2923-28-6Molecular Formula: $CAgF_3O_3S$ Molecular Weight:256.94

**Chemical Structure:** 

$$F \xrightarrow{\mathsf{F}} \overset{\mathsf{O}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}{\overset{\mathsf{H}}}}{\overset{\mathsf{H}}}}{\overset{\mathsf{H}}}}{\overset{\mathsf{H}}}}$$

Ag<sup>+</sup>

**Batch Information** 

**Batch No.:** Lg1025327891

**Storage:** 2-8°C, protect from light, stored under nitrogen

 Test Date:
 2023-09-04

 Retest Date:
 2026-09-03

Origin: Shanghai, China

**QC Summary** 

Appearance: White to light brown (Solid)

1 H NMR Spectrum: Consistent with structure

**Purity (NMR):** ≥98.0%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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