

## Certificate of Analysis

### Compound Information

**Product Name:** p-Toluenesulfonic acid (monohydrate)

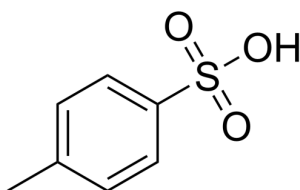
**Cat. No.:** 1037939

**CAS No.:** 6192-52-5

**Molecular Formula:** C<sub>7</sub>H<sub>10</sub>O<sub>4</sub>S

**Molecular Weight:** 190.22

**Chemical Structure:**



### Batch Information

**Batch No.:** Lg1222351059

**Storage:** 2-8°C, sealed storage, away from moisture

**Test Date:** 2022-05-20

**Retest Date:** 2025-05-19

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Purity (HPLC):** 98.91%

**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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