

## Certificate Of Analysis

**Product No.** B605724  
**Product Name:** (1S)-(+)-10-Camphorsulfonic acid  
**CAS NO.** 3144-16-9  
**Lot No.** C2211420  
**Inspection Date:** 2022-11-04  
**Reinspection Date:** 2024-11-03

| Test   | Specification                            |
|--|--|
| LOSS ON DRYING   | 0%-2%                                    |
| Melting point  | 197°C-202°C                              |
| PURITY(NEUTRALIZATION TITRATION)                               | 98.5%-101.5%                             |
| SPECIFIC ROTATION [A] <sub>D</sub> 20(D=C=5, H <sub>2</sub> O) | 20-23                                    |
| APPEARANCE   | White to off-white powder                |
| SOLUBILITY 5% IN H <sub>2</sub> O                              | CLEAR COLORLESS TO LIGHT YELLOW SOLUTION |

