

# Certificate of Analysis

## Compound Information

**Product Name:** (4R,5R)-5-((R)-1,2-Dihydroxyethyl)-2,2-Dimethyl-1,3-Dioxolane-4-Carbaldehyde  
**CAS No.:** 13199-25-2  
**Cat. No.:** G7712498  
**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>O<sub>5</sub>  
**Molecular Weight:** 190.19

## Batch Information

**Batch No.:** 3338532  
**Test Date:** 2025-01-19  
**Report Date:** 2025-01-20  
**Retest Date:** 2030-07-17  
**Storage:** 2-8°C, Under inert gas.  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 95%(GC-MS)                | 99.72%                    |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | -23.0 to -27.0            | -23.27                    |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

