

# Certificate of Analysis

## Compound Information

**Product Name:** Calcium (R)-5-((S)-1,2-dihydroxyethyl)-3,4-dihydroxyfuran-2(5H)-one salt dihydrate  
**CAS No.:** 5743-28-2  
**Cat. No.:** G2663007  
**Molecular Formula:** C<sub>12</sub>H<sub>18</sub>CaO<sub>14</sub>  
**Molecular Weight:** 426.34

## Batch Information

**Batch No.:** 0919033  
**Test Date:** 2025-11-27  
**Report Date:** 2025-11-28  
**Retest Date:** 2031-05-25  
**Storage:** Store under inert gas.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	95%(NMR)	98.53%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	+95°~+97°	94.71°

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

