

# Certificate of Analysis

## Compound Information

**Product Name:** Estra-4-Ene-3,17-Dione  
**CAS No.:** 734-32-7  
**Cat. No.:** G3169849  
**Molecular Formula:** C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>  
**Molecular Weight:** 272.39

## Batch Information

**Batch No.:** 0362782  
**Test Date:** 2023-12-19  
**Report Date:** 2023-12-20  
**Retest Date:** 2029-06-15  
**Storage:** Store in a cool,dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%(GC-MS)	99.73%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	138	138.82

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

