

# Certificate of Analysis

## Compound Information

**Product Name:** 5-O-(4,4-Dimethoxytrityl)-N2-Isobutyryl-2-Deoxyguanosine  
**CAS No.:** 68892-41-1  
**Cat. No.:** G2222584  
**Molecular Formula:** C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub>  
**Molecular Weight:** 639.7

## Batch Information

**Batch No.:** 4896952  
**Test Date:** 2023-04-25  
**Report Date:** 2023-04-26  
**Retest Date:** 2028-10-20  
**Storage:** -20°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+(LC-MS)	99.44%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	8.0 to +9.5	8.20

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

