

# Certificate of Analysis

## Compound Information

**Product Name:** 1-hexadecyl-3-methylimidazolium bromide  
**CAS No.:** 132361-22-9  
**Cat. No.:** G3303100  
**Molecular Formula:** C<sub>20</sub>H<sub>39</sub>N<sub>2</sub>Br  
**Molecular Weight:** 387.44

## Batch Information

**Batch No.:** 5660291  
**Test Date:** 2024-08-14  
**Report Date:** 2024-08-15  
**Retest Date:** 2030-02-09  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%+(HPLC)	99.94%
NMR	Consistent with structure	Consistent with structure

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

