

Certificate of Analysis

Compound Information

Product Name: Piperazine Citrate Hydrate
CAS No.: 144-29-6
Cat. No.: G6448666
Molecular Formula: $C_{12}H_{30}N_6 \cdot C_{12}H_{16}O_{14} \cdot xH_2O$
Molecular Weight: 642.66

Batch Information

Batch No.: 0411742
Test Date: 2023-02-06
Report Date: 2023-02-07
Retest Date: 2028-08-03
Storage: 2-8°C
Origin: China

Test Item

Test	Specification	Result
Purity	98%+	Conforms to specification
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:

