

## Certificate of Analysis

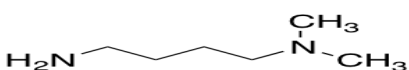
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Product Name: N,N-Dimethyl-1,4-butanediamine  
Cat. No.: GD05204  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 3529-10-0  
Molecular Formula:  
Molecular Weight:  
Storage:

Chemical Structure:

CN(C)CCCCN

### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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