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## CERTIFICATE OF ANALYSIS

### 1-Methylpiperazine CAS: 109-01-3 N-Methylpiperazine liquid

Product name: N-Methylpiperazine/1-Methylpiperazine

CAS No.: 109-01-3

Molecular Formula: C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>

Molecular Weight: 100.16

Melting point: -6°C

Boiling point: 138°C

Density: 0.903 g/ml

Package: 1 kg/bottle, 25 kg/drum, 180 kg/drum

Property: 1-Methylpiperazine is colorless or light yellow liquid, soluble in water, ether, ethanol, and water, methanol, etc.

Items	Specifications
Appearance	Colorless or light yellow liquid
Purity	≥99.5%
Piperazine	≤0.1%
N,N -Dimethylpiperazine	≤0.1%
Water	≤0.3%

#### Application

N-Methylpiperazine is used for the production of antibacterial rifampicin, antipsychotic trifluoperazine, ofloxacin, etc.

#### Storage

Stored in a dry and ventilated warehouse.