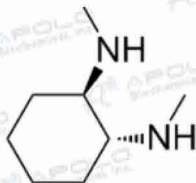


CERTIFICATE OF ANALYSIS

Product Name: rel-(1R,2R)-N1,N2-Dimethylcyclohexane-1,2-diamine

Chemical Structure:



Lot Number: CSW0073271101
CAT Number: APL-WCPD-0067579
CAS Registry Number: 67579-81-1
Manufacture Date: 11/2021
Expiry Date: 11/2024
Molecular Formula: C₈H₁₈N₂
Molecular Weight: 142.24
Storage: -20°C

Analysis Data

Item	Specification	Results
Appearance	Color: White to yellow Form: Solid-liquid mixture	Complies Complies
¹ H NMR Spectrum	Consistent with structure	Complies
Purity (GC)	≥ 98.00 %	98.85 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque 11/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO