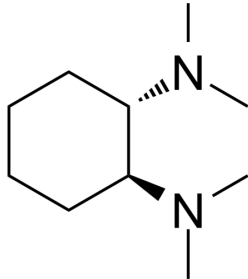


Certificate of Analysis

| | |
|-----------------------|--|
| Product Name: | (1S,2S)-N1,N1,N2,N2-Tetramethylcyclohexane-1,2-diamine |
| Cat. No.: | CS-0103133 |
| CAS No.: | 53152-68-4 |
| Batch No.: | Lf0724156244 |
| Chemical Name: | 1,2-Cyclohexanediamine, N1,N1,N2,N2-tetramethyl-, (1S,2S)- |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--|
| Molecular Formula: | C ₁₀ H ₂₂ N ₂ |
| Molecular Weight: | 170.30 |
| Storage: | 2-8°C, protect from light, stored under nitrogen |
| Chemical Structure: |  |

ANALYTICAL DATA

| | |
|------------------------------------|---|
| Appearance: | Colorless to light yellow (Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (GC): | 98.40% |
| 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.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA