## **Certificate of Analysis**

## **Decamethonium (Bromide)**

Cat. No.: HY-B0570
CAS No.: 541-22-0
Batch No.: 16724

Chemical Name: 1,10-Decanediaminium, N1,N1,N10,N10,N10-hexamethyl-, bromide (1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{38}Br_2N_2$ Molecular Weight: 418.29

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

**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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