## **Certificate of Analysis**

## QX-314 (bromide)

Cat. No.: HY-101350
CAS No.: 24003-58-5
Batch No.: 123184

Chemical Name: Ethanaminium, 2-[(2,6-dimethylphenyl)amino]-N,N,N-triethyl-2-oxo-, bromide (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{27}BrN_2O$  Molecular Weight: 343.30

**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

LCMS: Consistent with structure

Purity (LCMS): 96.58%

**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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