## **Certificate of Analysis**

## Benzalkonium (chloride)

Cat. No.: HY-B2232
CAS No.: 8001-54-5
Batch No.: 63781

Chemical Name: Alkylbenzyldimethylammonium chlorides

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:**  $C_6H_5CH_2N(CH_3)2RCl(R=C_8H_{17} \text{ to } C_{18}H_{37})$ 

Molecular Weight: 283.88-424.15

Storage: Solution, -20°C, 2 years

**Chemical Structure:** 

$$CI^ N^+$$
 $(CH_2)_nCH3$ 

n= 6 -16

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

Purity: ≥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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

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