



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: C280500

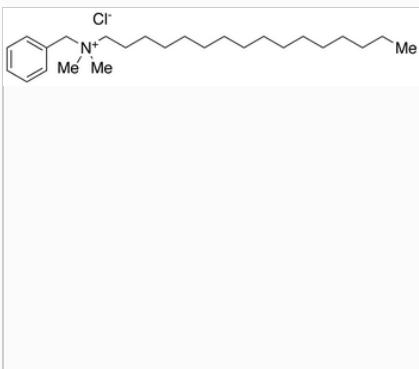
CAS Number: 122-18-9

Product: Cetalkonium Chloride

Synonym: N-Hexadecyl-N,N-dimethylbenzenemethanaminium Chloride;

Benzylhexadecyldimethylammonium Chloride;
Acetoquate CDAC; Acinol; Banicol;

Structure:



Lot Number: 3-RNP-93-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

Molecular Formula:

C₂₅H₄₆CIN

Molecular weight:

396.09

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-------------|----------------------------|--------------------------------|
| Appearance | White to Pale Yellow Solid | Off-White to Pale Yellow Solid |
| NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 93.03% (210 nm) |
| MS | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|------------------|---------------|--------------------|-----------|-------------|
| Meenakshi Sharma | Toni Rantanen | Chanell Chu | 9/7/2023 | 9/5/2027 |