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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

Product Name: Benzalkonium chloride (C16)

Identification:

Chemical Name: Benzyldimethylhexadecylammonium chloride

Synonyms : Cetalkonium chloride,
Cetyldimethylbenzylammonium
chloride, N-Hexadecyl-N-benzyl-
N,N-dimethylammonium
chloride

CAS Number : NA

CAT Number : CP-Z19006

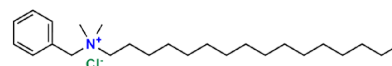
Molecular Formula : C₂₅H₄₆ClN

Molecular Weight : 396.09

Batch Number : CP-25-274

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.60%
5)	¹ HNMR	Confirm to Structure

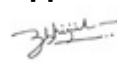


Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.