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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: Benzyl dodecyl dimethyl ammonium Bromide

Identification:

Chemical Name: N-Dodecyl-N,N-dimethylbenzenemethanaminium Bromide

Synonyms : Benzalkonium Bromide (USP) ;
Benzalkonium Bromide (C12)

CAS Number : 7281-04-1

CAT Number : CP-CS0690

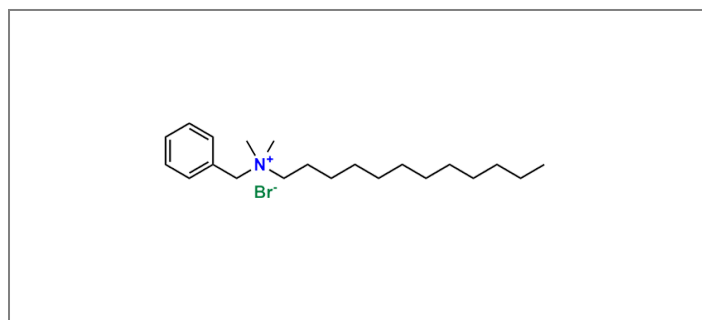
Molecular Formula : C₂₁H₃₈N : Br

Molecular Weight : 304.54 : 79.9

Batch Number : CP-BDA-IN-0424

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 Semi Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By NMR	98.52%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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