



CERTIFICATE OF ANALYSIS

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1. Identification

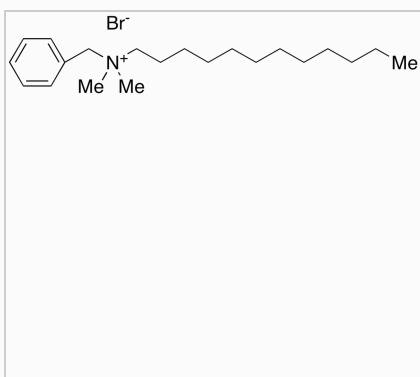
Catalogue Number: B279780

CAS Number: 7281-04-1

Product: Benzyl dodecyldimethylammonium Bromide

Synonym: N-Dodecyl-N,N-dimethylbenzenemethanaminium Bromide; Amonyl BR 1244; Bacfor BL; Benzododecinium Bromide; Dimethylbenzyl dodecylammonium Bromide; Lauralkonium Bromide; Lauryldimethylbenzylammonium Bromide; Sinnoquat BL 80; Sterinol; Xinjieermie;

Structure:



Molecular Formula:

$C_{21}H_{38}BrN$

Molecular weight:

384.44

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-HAB-059

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid	Off-White Low-Melting Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.57, %H: 10.09, %N: 3.50
HPLC Purity	Report Result	99.90% (205 nm)
MS	Conforms to Structure	Conforms
Bromide Content	Report Result	17.5%

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 $\pm 2\%$. 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	Christina Gouliaras	6/21/2023	6/19/2027

