

1. Identification

Catalogue Number

B183553

Lot Number

5-FGD-546-1

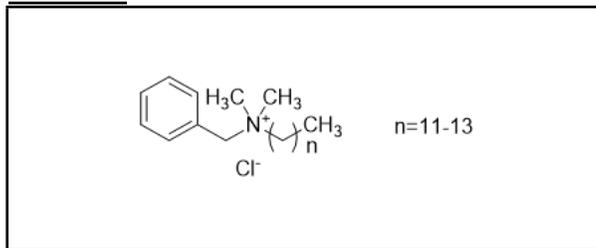
Product Name

Benzalkonium Chloride

Synonyms

Arquad B; Arquad B 100; Arquad B 50; Benzyl-C8-18-alkyldimethylammonium chlorides; Cation F2 50; Nissan Cation F2 50

Structure



CAS Number

63449-41-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₆ClN(CH₂)_n

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

N/A

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Off-White Thick Oil

Results

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 72.63, %H: 10.31, %N: 3.93

HPLC Purity

>95%

98.06% (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

A. Vijaya

Vijaya Annapareddy
Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu
Quality Assurance Associate

Test Date

12/24/2024

Retest Date

12/22/2028