

# Certificate of Analysis

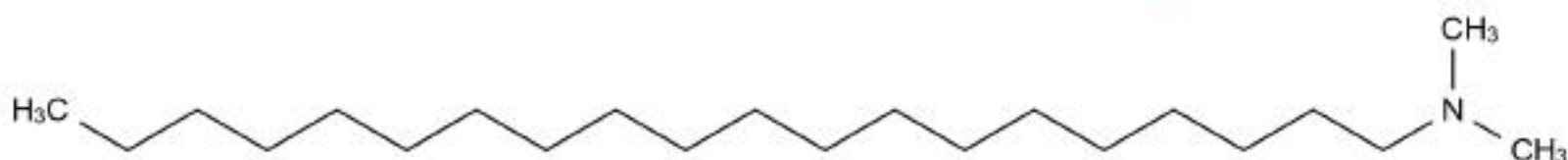
## Reference Material & Standard

|                    |                                   |                   |                                           |
|--------------------|-----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Benzalkonium Chloride impurity 11 | Catalogue Number: | C4X-252711                                |
| Synonyms:          | N/A                               | Lot Number:       | 0731-SA-7891                              |
| CAS Number:        | 45275-74-9                        | Expiry Date:      | Jul 30, 29                                |
| Molecular Formula: | C <sub>22</sub> H <sub>47</sub> N | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 325.62                            |                   |                                           |

Warning:



Chemical Structure:



### Test Items

Appearance

Identification:

Purity:

### Method

Visual inspection

LC&HNMR

HPLC

### Results

Solid

Confirmed

98.792%

CATO Research Chemicals Inc.

Signature:

Prepared by:

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*Yuki*

Approved by General Manager:

*David*

Date: Jul 31, 25

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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Jul 31, 25 | First release.      |

