

CERTIFICATE OF ANALYSIS

Product : **TETRADECYLCEYLTRIMETHYLAMMONIUM BROMIDE**
 Product number : C1397
 Batch number : 013667
 Date of production : xx-07-2017
 Date of expiry : 31-07-2022

Packaging and storage : store at room temperature in a well closed container

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|------------------------|-----------------------------------|----------|-------|-----------------|
| Appearance | white to almost white powder | complies | | voluminous |
| Solubility | free soluble in water and alcohol | | | |
| Identification | conform | complies | | |
| Appearance of solution | clear and colourless | complies | | 2% in water |
| Acidity/alkalinity | conform | complies | | |
| Amines and amine salts | conform | complies | | |
| Loss on drying | ≤ 2.0 | 0.0 | % | 2u, 105 °C |
| Sulphated ash | ≤ 0.5 | 0.0 | % | |
| Assay | 96.0 – 101.0 | 97.6 | % | dried substance |


This certificate of analysis is conform the results of the supplier.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 05-04-2018

p/o  V. Korg Tse Lam

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.