



TECHNICAL DATA SHEET

ALGQUAT- CTAB

(Cetrimonium bromide/Hexadecyltrimethylammonium bromide)

| CAS No. | MOLECULAR WEIGHT | MOLECULAR FORMULA | MANUFACTURER |
|---------|------------------|-------------------------------------|---------------|
| 57-09-0 | 364.45 g/mol | C ₁₉ H ₄₂ BrN | ALG CHEMICALS |

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| CHARACTERISTICS: | A white or almost white, voluminous, free-flowing powder. Freely soluble in water and in alcohol, practically insoluble in ether |
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| SPECIFICATION: | TEST | LIMIT |
|----------------|-------------------------|---|
| | Identification | To pass test |
| | Assay (On dried basis) | Not less than 96.0% and not more than 101.0% |
| | Appearance of Solution | 2% Solution in distilled water is Clear, and colourless |
| | Loss on drying | Not more than 2.0% (100°C to 105°C for 2hrs.) |
| | Acidity or Alkalinity | Not more than 0.1 ml of either 0.1M HCl / 0.1M NaOH solution. |
| | Amine salts | To pass test |
| | Sulphated ash | Not more than 0.5% |
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| PACKAGING: | 25 kg HDPE Drums Other sizes available upon request. |
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| SHELF LIFE | 5 years from date of manufacturing |
| STORAGE CONDITIONS | Store in tightly closed, light resistant container and keep in cool, dry place |





ALG Chemicals

Chemistry for Hygiene & Healthy Life

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| TRANSPORT REGULATIONS: | Classified as hazardous substance according to transport regulations (class 9,UN 3077) |
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| APPLICATION | CTAB is used in various products such as throat lozenges and antiseptic topical gels and creams. As a processing aid or auxiliary/ancillary, it can be used as a surfactant in the downstream vaccine manufacturing process, for both bacterial polysaccharide vaccines and viral vaccines (e.g. influenza) |
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