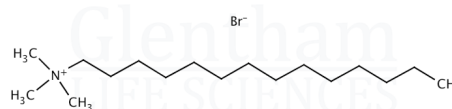


## Certificate of Analysis

Product Name Cetrimide  
Glentham Code GP9031  
CAS Number 1119-97-7  
EINECS 214-291-9  
MDL Number MFCD00011770  
Additional CAS 8044-71-1  
PubChem SID 310269561  
Batch Number 192HWF

Molecular Weight 336.40  
Molecular Formula  $C_{17}H_{38}BrN$   
Storage Temp. +20°C



| Property                       | Specification                                       | Batch 192HWF                           |
|--------------------------------|---|--|
| Physical Description           | White, voluminous, free-flowing powder              | White, voluminous, free-flowing powder |
| Solubility                     | Freely soluble in water and in alcohol              | Conforms                               |
| Identification                 | Conforms to EP, BP                                  | Conforms                               |
| Acidity and Alkalinity         | $\leq 0.1\text{ml}$ (0.1M HCl/NaOH)                 | $\leq 0.1\text{ml}$                    |
| Amines and amine salts         | Conforms to EP, BP                                  | Conforms                               |
| Sulphated Ash                  | $\leq 0.5\%$  | $< 0.1\%$                              |
| Appearance of Solution         | 2% in water: Clear, colourless                      | Clear, colourless                      |
| Loss on Drying                 | $\leq 2.0\%$  | 0.2%                                   |
| Assay (Titration)              | 96.0 - 101.0 % (as $C_{17}H_{38}BrN$ , dried basis) | 99.2%                                  |
| Pharmacopoeia Specification(s) | EP, BP  | Conforms                               |

Specification Version v1.0  
Manufacture Date 2022-11-01  
Re-Test Date 2030-03-15

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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