

## Certificate of Analysis

Product Name Cetylpyridinium bromide  
Glentham Code GK4657  
CAS Number 140-72-7  
EINECS 205-428-3  
MDL Number MFCD00011988  
Additional CAS 202869-92-9  
PubChem SID 310269564  
Batch Number 670KMQ

Molecular Weight 384.44 (anhydrous)  
Molecular Formula  $C_{21}H_{38}BrN \cdot xH_2O$   
Storage Temp. +20°C



Property	Specification	Batch 670KMQ
Physical Description	White to off-white powder or crystals	Off-white powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (5% in ethanol)	Clear, colourless to faint yellow solution	Clear, colourless solution
Melting Point	63.0 - 71.0 °C	67.7°C
Water (KF)	≤ 6.0%	5.2%
Assay (Titration)	≥ 98.0% (dried basis)	99.2%

Specification Version v1.1  
Manufacture Date 2023-02-21  
Re-Test Date 2031-06-23

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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