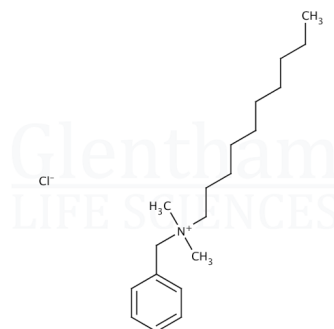


## Certificate of Analysis

Product Name Benzalkonium chloride, BP grade  
Glentham Code GK0007  
CAS Number 63449-41-2  
EINECS 264-151-6  
Additional CAS 8001-54-5  
MDL Number MFCD00145757  
Additional CAS 68424-85-1  
Batch Number 356VIT

Molecular Weight -  
Molecular Formula  $C_{6}H_{5}CH_{2}N(CH_{3})_{2}[R]Cl$   
Storage Temp. +20°C



Property	Specification	Batch 356VIT
Physical Description	White or light-yellow powder or gelatinous, yellowish-white fragments	Conforms
Identification	A, C, D according to BP	Conforms
Melting Point	127 - 133 °C (according to BP)	Conforms
Solubility (1% in water)	Clear, colourless or pale yellow solution	Clear, colourless solution
Acidity or Alkalinity	≤ 0.1ml	Conforms
Amines and amine salts	According to BP	Conforms
Water	≤ 10.0%	9.1%
Sulphated Ash	≤ 0.1%	0.06%
Assay	96.0 - 104.0 % (C22H40ClN, dried basis)	99.8%
Pharmacopoeia Specification(s)	BP	Conforms

Specification Version v1.0  
Manufacture Date 2022-05-23  
Re-Test Date 2030-04-20

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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