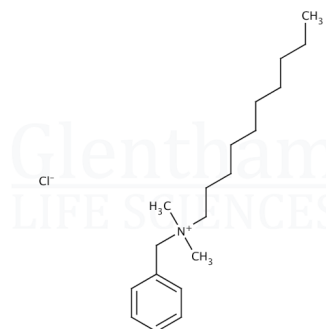


## Certificate of Analysis

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	$C_{15}H_{25}N(CH_3)_2[R]Cl$
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 % (C <sub>22</sub> H <sub>40</sub> ClN, 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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