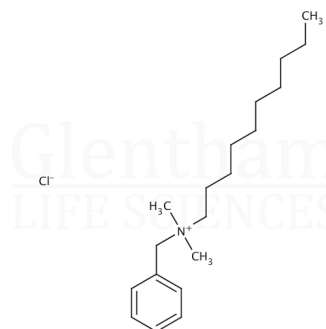


## Certificate of Analysis

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	099AWM

Molecular Weight	-
Molecular Formula	$C_6H_5CH_2N(CH_3)_2[R]Cl$
Storage Temp.	+20°C



Property	Specification	Batch 099AWM
Physical Description	White yellowish-white powder or gelatinous, yellowish-white fragments, hygroscopic	White powder
Identification	B, E 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
Sulphated Ash	≤ 0.1%	0.04%
Impurity A	≤ 0.5%	0.05%
Impurity B	≤ 0.15%	0.02%
Impurity C	≤ 0.05%	Conforms
Water	≤ 10.0%	8.7%
Assay	96.0 - 104.0 % (C22H40ClN, dried basis)	99.4%
Pharmacopoeia Specification(s)	BP	Conforms

Specification Version	v1.1
Manufacture Date	2024-12-20
Re-Test Date	2033-03-03

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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