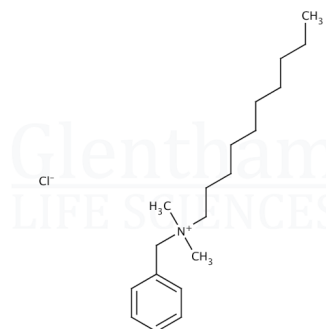


## Certificate of Analysis

Product Name	Benzalkonium chloride, BP grade
Glenthams 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	$C_{15}H_{27}NCl$
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	$\leq 0.1$ ml	Conforms
Amines and amine salts	According to BP	Conforms
Sulphated Ash	$\leq 0.1\%$	0.04%
Impurity A	$\leq 0.5\%$	0.05%
Impurity B	$\leq 0.15\%$	0.02%
Impurity C	$\leq 0.05\%$	Conforms
Water	$\leq 10.0\%$	8.7%
Assay	96.0 - 104.0 % ( $C_{22}H_{40}ClN$ , dried basis)	99.4%
Pharmacopoeia Specification(s)	BP	Conforms

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

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

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