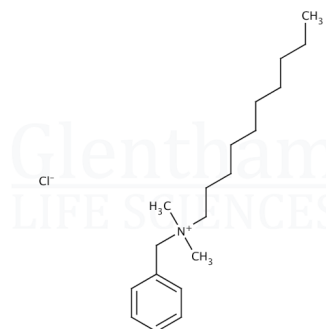


Certificate of Analysis

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	$C_{15}H_{27}NCl$
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	≤ 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

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 or contact us using the details above for the current version of this document.

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