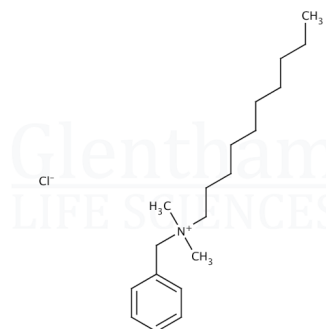


## Product Specification

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

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



Property	Specification
Physical Description	White yellowish-white powder or gelatinous, yellowish-white fragments, hygroscopic
Identification	B, E according to BP
Solubility (1% in water)	Clear, colourless or pale yellow solution
Acidity or Alkalinity	$\leq 0.1$ ml
Amines and amine salts	According to BP
Sulphated Ash	$\leq 0.1\%$
Impurity A	$\leq 0.5\%$
Impurity B	$\leq 0.15\%$
Impurity C	$\leq 0.05\%$
Water	$\leq 10.0\%$
Assay	96.0 - 104.0 % (C <sub>22</sub> H <sub>40</sub> ClN, dried basis)
Pharmacopoeia Specification(s)	BP

Specification Version	-	v1.1
Date Created	-	2025-04-08

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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