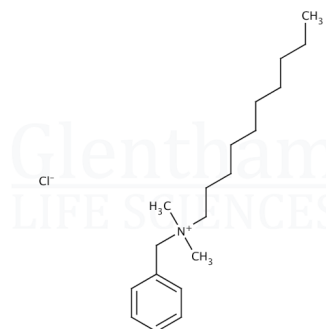


Product Specification

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	≤ 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 ₂₂ H ₄₀ 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 or contact us using the details above for the current version of this document.

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