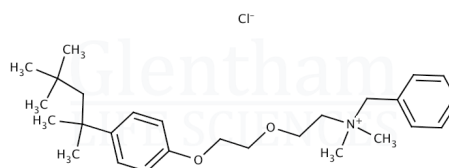


Product Specification

Product Name	Benzethonium chloride, EP, USP grade
Glentham Code	GK2490
CAS Number	121-54-0
EINECS	204-479-9
MDL Number	MFCD00011742
Molecular Weight	448.10
Molecular Formula	$C_{27}H_{42}ClNO_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to pale yellow powder
Identification	To pass tests according to EP, USP
Melting Point	158 - 164 °C
Solubility (10% in water)	Clear solution ($\leq Y6$)
Acidity or Alkalinity	To pass test
Volatile Bases and Salts Test	≤ 50 ppm
Ammonium Compounds	To pass test
Sulphated Ash	$\leq 0.1\%$
Organic Impurities	$\leq 1.0\%$
Loss on Drying	$\leq 5.0\%$ (105°C, 4h)
Assay	97.0 - 103.0 % (dried basis)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	- v1.1
Date Created	- 2024-02-14

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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