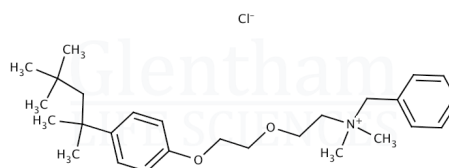


## Product Specification

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	$\leq 50\text{ppm}$
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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