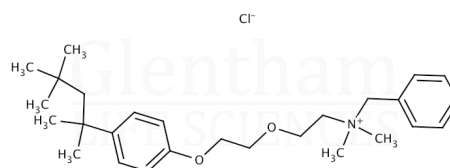


## Certificate of Analysis

Product Name	Benzethonium chloride, EP, USP grade
Glentham Code	GK2490
CAS Number	121-54-0
EINECS	204-479-9
MDL Number	MFCD00011742
Batch Number	484BCU
Molecular Weight	448.10
Molecular Formula	$C_{27}H_{42}ClNO_2$
Storage Temp.	+20°C



Property	Specification	Batch 484BCU
Physical Description	White to pale yellow powder	White powder
Identification	To pass tests according to EP, USP	Conforms
Melting Point	158 - 164 °C	160.0°C
Solubility (10% in water)	Clear solution ( $\leq Y6$ )	Clear solution
Acidity or Alkalinity	To pass test	Conforms
Volatile Bases and Salts Test	$\leq 50$ ppm	Conforms
Ammonium Compounds	To pass test	Conforms
Sulphated Ash	$\leq 0.1\%$	Conforms
Loss on Drying	$\leq 5.0\%$ (105°C, 4h)	0.5%
Assay	97.0 - 103.0 % (dried basis)	99.8%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.0
Manufacture Date	2022-04-04
Re-Test Date	2032-07-06

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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