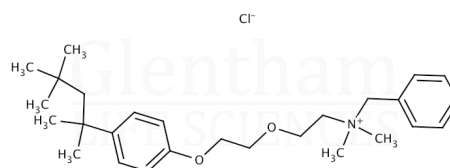


Certificate of Analysis

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

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