

Specification

Technical Data Sheet

CAS 121-54-0	STORAGE Ambient	MOLECULAR WEIGHT 448.08
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PRODUCT**Benzethonium chloride EP**

Product number	90036176
CAS number	121-54-0
Molecular formula	C ₂₇ H ₄₂ ClNO ₂
Molecular weight	448.08 g/mol

PARAMETER	SPECIFICATION
Appearance	White powder
Assay	97 - 103%
Loss on Drying	< 0.5%
Melting Point	158 - 164 °C
pH	5.0 - 6.5
Clarity in Solution	(in Acetone) Clear and colourless
Solubility	Very soluble in water and in alcohol. Freely soluble in methylene chloride.
Sulphated Ash	< 0.1%
Ammonium (NH₄)	≤ 50ppm

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.