

# Specification

## Technical Data Sheet

<b>Product Name</b>	Benzethonium chloride (C <sub>27</sub> H <sub>42</sub> ClNO <sub>2</sub> )
<b>Product No</b>	20130413
<b>CAS Number</b>	121-54-0
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	448.08
	<b>Specification</b>
<b>Appearance</b>	White to off-white powder
<b>Conclusion</b>	Conforms to USP specification
<b>Loss on Drying</b>	≤ 5.0%
<b>Melting Point</b>	158 - 163°C
<b>Purity (HPLC)</b>	97.0 - 103.0%
<b>pH (1% w/v in water)</b>	5.0 - 6.5
<b>Sulfated ash</b>	≤ 0.1%

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**Identification (IR)**

Conforms to Reference

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