

Benzalkonium Chloride

A powerful cGMP grade antimicrobial surfactant

Providing *peace of mind* to manufacturers and patients worldwide

- **Ensure product** quality and safety with a proven antimicrobial
- **Reduce risks** using a cGMP grade ingredient
- **Ensure compliance** with a complete global package
- **Avoid process variability** with consistent batch-to-batch quality

One ingredient – many applications

Benzalkonium Chloride (BKC/BAC/BAK/BZK) has an impressive track record acting as an API and for preserving formulations. Used in solutions, suspensions, gels, creams, ointments, lozenges and more, typically within these applications:



Ophthalmic



Nasal



Topical



Oral & Respiratory



Wound Care

Why choose Benzalkonium Chloride?

BKC is the workhorse of antimicrobials. Its properties, combined with our expertise and pharmaceutical grade, make it the ingredient of choice for antimicrobial control.

Antimicrobial power – against bacteria, fungi and viruses

BKC is a broad-spectrum antimicrobial with proven efficacy against both Gram+, Gram- and acid-fast bacteria, fungi and enveloped viruses at very low concentrations.



Product properties:

- Proven **broad spectrum bactericide**
- Effective through **pH range 4-11**
- **Very stable** at various temperatures and pH
- **Non-volatile**
- **Cost effective** with activity at low concentrations
- **Strong surfactant**
- **Safe to use**, non-flammable and widely available
- **Soluble** in both aqueous and oily phases

Product support:

- cGMP and ISO certificates
- Compliant to Ph.Eur., USP/NF, JP, ChP
- Relevant ICH guidelines
- Extensive regulatory package
- Audits, Questionnaires, Change Notification

Better input leads to a bigger impact

Learn more about **Benzalkonium Chloride**, its properties and uses, by visiting our website

What is Benzalkonium Chloride? Read about its properties and uses



White papers covering each application segment, and more



Download our brochure



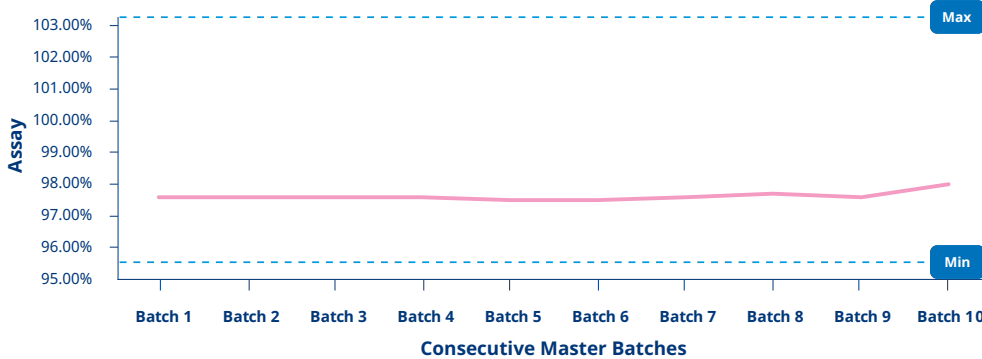
Never compromise on quality

Compliant with ICH Q7 cGMP for APIs. Fully validated processes. Full traceability. Risk-based approach. Reduce incoming testing and batch variation in finished products.

The same quality – batch after batch

Batch Analysis

Based on 10 consecutive master batches of concentrated Benzalkonium Chloride



Benzalkonium Chloride Products	Packaging Size	Item Number
FeF® Benzalkonium Chloride Ph.Eur., USP/NF	1 kg	7800014
	5kg	7800015
FeF® Benzalkonium Chloride Ph.Eur., USP/NF, JP	1 kg	7800012
	5 kg	7800013
FeF® Benzalkonium Chloride Solution 50% Ph.Eur., USP/NF	1 kg	7800004
	5 kg	7800005
	25 kg	7800006
	1000 kg	7800027
FeF® Benzalkonium Chloride Solution 50% Ph.Eur., USP/NF, JP	1 kg	7800009
	5 kg	7800010
	25 kg	7800011
FeF® Benzalkonium Chloride Solution 50% (45/55) Ph.Eur., USP/NF	1 kg	7800020
	25 kg	7800019
FeF® Benzalkonium Chloride Solution 50% (53/30/15/2) Ph.Eur., USP/NF	1 kg	7800008
FeF® Benzalkonium Chloride Solution 17% USP/NF	25 kg	7800003

CAS No. 8001-54-5 REACH CAS No. 68424-85-1

Being sustainable

Novo Nordisk Pharmatech operates with the highest standard in a financially, environmentally and socially responsible way ranking in the top 1% of the EcoVadis Sustainability Assessment.