



# FeF Strong Cetrime Solution 40% BP Pharma with ethanol

## Application

Item No. 7800024 (200 kg)

FeF Strong Cetrime Solution 40% BP Pharma is an aqueous solution of quaternary ammonium compounds. FeF Strong Cetrime Solution 40% BP Pharma is an efficient germicide which is active against most common micro-organisms, such as bacteria and fungi. FeF Strong Cetrime Solution 40% BP Pharma is widely used as the active ingredient (API) in pharmaceutical antiseptic liquids due to its anti-microbial effect.

## Specifications

Identification:	Complies to BP
Appearance:	Clear and colourless to slightly yellow, viscous solution
Chain length:	C12: 19 - 23%w/w, C14: 66 - 71%w/w, C16: 8 - 10%w/w
Acidity or alkalinity:	Max. 1.0 ml 0.1M HCl or NaOH
Miscibility with ethanol:	Clear
Neutral substances:	Max. 0.4 g
Non-quaternised amines:	Max. 2.4% w/w (content of Cetrime)
Ethanol:	6.5 - 10% v/v
Assay (Mwt 336.4):	38.0 - 42.0% w/v

## Description

Composition:	Dodecyl trimethyl ammonium bromide (approx. 20%), Trimethyl tetradecyl ammonium bromide (approx. 70%) and Hexadecyl trimethyl ammonium bromide (approx. 10%). FeF Strong Cetrimide Solution 40% BP Pharma contains approx. 7.5% v/v ethanol.		
CAS No.:	C <sub>12</sub> : 1119-94-4	C <sub>14</sub> : 1119-97-7	C <sub>16</sub> : 57-09-0
EINECS No.:	C <sub>12</sub> : 214-290-3	C <sub>14</sub> : 214-291-9	C <sub>16</sub> : 200-311-3
Names:	Cetrimide, Cetrimidum, Cetrimoni Bromidum. Alkyl trimethyl ammonium bromide.		

## Technical information

Standards:	The quality system meets DS/EN ISO 9001. The environmental system meets DS/EN ISO 14001.
Grade:	Pharmaceutical grade.
Quality:	The product is manufactured in accordance with the cGMP Guide for Active Pharmaceutical Ingredients (API) ICH Q7.
Documentation:	Drug Master File (ESMF/ADMF).
TSE:	FeF Strong Cetrimide Solution 40% BP Pharma does not contain materials of animal origin.
Solubility:	FeF Strong Cetrimide Solution 40% BP Pharma is miscible with water or lower alcohols, such as methanol, ethanol and propanol in all ratios. FeF Strong Cetrimide Solution 40% BP Pharma is neither miscible with benzene nor ether.
Compatibility:	Mixing FeF Strong Cetrimide Solution 40% BP Pharma with ordinary soaps and/or with anionic detergents may decrease the activity.
Density:	Approx. 1.0 g/ml.
Packaging:	FeF Strong Cetrimide Solution 40% BP Pharma is filled into 220 litre HDPE drums with a sealable closing system.
Shelf life:	5 years.
Storage:	Store at temperatures above 15 °C. Store protected from excessive heat. FeF Strong Cetrimide Solution 40% BP Pharma may form a solid gel or a viscous precipitate at low temperatures.

## Safety and handling

See the Material Safety Data Sheet on [novonordiskpharmatech.com](http://novonordiskpharmatech.com)

### Please note

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