



FeF Cetrimide Ph.Eur.

Item No. 7800002 (25 kg)

Application

FeF Cetrimide Ph.Eur. is a white or almost white, crystalline powder. As a quaternary ammonium compound, FeF Cetrimide Ph.Eur. is a very efficient germicide which is active against most common micro-organisms, such as bacteria and fungi. FeF Cetrimide Ph.Eur. is widely used in the pharmaceutical industry as an active ingredient (API) in antiseptic creams and ointments, and in the cosmetic industry as a preservative.

Specifications

Identification:	Complies to Ph.Eur.
Appearance of solution:	Max. as reference suspension 1 Max. as reference solution B9
Acidity or alkalinity:	Max. 0.1 ml 0.1M HCl or NaOH
Amines and amine salts:	Max. 0.4 ml/g
Loss on drying:	Max. 0.5% w/w
Sulphated ash:	Max. 0.5% w/w
Assay (Mwt 336.4):	99.0 - 101.0% w/w
Residual acetone:	Max. 500 ppm

Description

Composition:	Trimethyl tetradecyl ammonium bromide (C ₁₇ H ₃₈ NBr).
CAS No.:	1119-97-7
EINECS No.:	214-291-9
Names:	Cetrimide, Cetrimidum, Cetrimoni Bromidum. Tetradecyl trimethyl ammonium bromide (TTAB). Myristyl trimethyl ammonium bromide (MTAB), Myrtrimonium Bromide.
Appearance of product:	A white or almost white, crystalline powder.
Chain length:	Min. 95% w/w C ₁₄ .

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:	Certificate of Suitability (CEP). Drug Master File (EDMF/ASMF).
TSE:	FeF Cetrimide Ph.Eur. does not contain materials of animal origin.
Solubility:	FeF Cetrimide Ph.Eur. is soluble in water and lower alcohols, such as methanol, ethanol and propanol. FeF Cetrimide Ph.Eur. is almost insoluble in benzene and ether.
Compatibility:	Mixing FeF Cetrimide Ph.Eur. with ordinary soaps and/or with anionic detergents may decrease the activity.
Density:	Approx. 0.5 g/ml.
Melting point:	245 - 250°C.
Packaging:	FeF Cetrimide Ph.Eur. packaging consist of double plastic bags made of transperant blue LDPE in a cardboard box.
Shelf life:	5 years.
Storage:	Avoid conditions causing condensation. Store protected from excessive heat. The product may compact during storage.

Safety and handling

See the Material Safety Data Sheet on novonordiskpharmatech.com

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