



FeF Cetyl Trimethyl Ammonium Bromide (CTAB) USP/NF

Application

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

Item No. 7800022 (25 kg in cardboard box)
Item No. 7800023 (25 kg in plastic drums)

Specifications

Identification:	Complies to USP/NF
Appearance of solution:	Clear and colorless
Total Aerobic Microbial Count:	Max. 1000 CFU/g
Total comb. Yeast/Mould Count:	Max. 10 CFU/g
Acidity or alkalinity:	Max. 0.1 ml 0.1M HCl or NaOH
Loss on drying:	Max. 0.5% w/w
Residue on ignition:	Max. 0.5% w/w
Amines and amine salts:	Max. 0.4 ml/g
Assay:	96.0 - 101.0% w/w

Description

Composition:	Consists of Hexadecyl trimethyl ammonium bromide (C ₁₉ H ₄₂ NBr).
CAS No.:	57-09-0
EINECS No.:	200-311-3
Names:	Hexadecyl trimethyl ammonium bromide (HTAB). Cetrimonium bromide.
Appearance of product:	A white or almost white, crystalline powder.
Chain length:	Min. 95% w/w C ₁₆ .

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 (EDMF/ASMF).
TSE:	FeF CTAB USP/NF does not contain materials of animal origin.
Solubility:	FeF CTAB USP/NF is soluble in water and lower alcohols, such as methanol, ethanol and propanol. FeF CTAB USP/NF is almost insoluble in benzene and ether.
Compatibility:	Mixing FeF CTAB USP/NF with ordinary soaps and/or with anionic detergents may decrease the activity.
Density:	Approx. 0.5 g/ml.
Melting point:	Approx. 230°C.
Packaging:	FeF CTAB USP/NF packaging consist of double plastic bags made of transparent blue LDPE in either a cardboard box or a plastic drum.
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

Please note

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