Chemische Werke Hommel GmbH & Co. KG

Im Wirrigen 25
D-45731 Waltrop
Tel.: +49 2309 60699-0
Fax: +49 2309 60699-30
www.hommel-pharma.com
info@hommel-pharma.com

Specification

Concerning Product:	
Article number	505862UPE
Trade name / designation / denomination	Cetrimid EP
CAS number	1119-97-7
Other names / synonyms	•(1-Tetradecyl)trimethylammonium bromide; •Myristyltrimethylammonium bromide; •TETRADECYLTRIMETHYL-AMMONIUM BROMIDE; •TETRADECYLTRIMETHYLAMMONIUM BROMIDE; •Tetradecyltrimethylammonium Bromide; •Tetradecyltrimethylammonium Bromide, Reagent; •Tetradecyltrimethylammonium bromide; •tetradonium bromide; •trimethyl(tetradecyl)ammonium bromide;
EC number	214-291-9
Customs tariff number / CN code / TARIC	29239000
Molecular weight [g / mol]	336.39432
Formula	$C_{17}H_{38}BrN$

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	2% w/v solution in distilled water is clear and colourless	
Appearance	A white or almost white, voluminous free flowing powder	
Physical parameter		
Acidity/Alkalinity	Not more than 0.1ml of either 0.1M HCl or 0.1M NaOH solution is required to change the colour of indicator	ml/0.1M HCl
Loss on drying	Not more than 2.0%, determined on 1g by drying in an oven at 105°C for 2 hours	%
Solubility	Freely soluble in water, in alcohol	
Identity		
Assay	Cetrimide contains not less than 96.0% and not more than 101.0% of C17H38BrN	%
Identification	To comply with BP/EP tests (A,B,C,D,E) Test A. Absorbance at 260nm to 280nm - Not greater than 0.05	
Impurities		
Sulphated ash	Not more than 0.5% determined on 1g	%
Impurity	Amines / Amine salts: Not more than 2ml of 0.1M tetrabutylammonium hydroxide added between two points	ml

Supplemental information:

Shelf life: 4 years from date of manufacturing

Complies with monographie: EP / BP

Chemische Werke Hommel GmbH & Co.KG
This document was generated electronically and is valid without signature.
Waltrop, 25. Feb. 2026

LF-Basis: COA Ch-B-198-25 (2025-10-25)

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts off the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.