

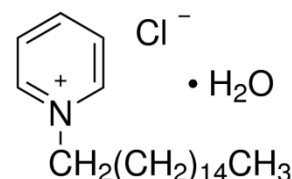


Product Specification

cdhfinechemical.com

CETYL PYRIDINIUM CHLORIDE MONOHYDRATE

PRODUCT CODE	045975
SYNONYMS	(1-Hexadecylpyridinium chloride monohydrate)
C.I. NO.	--
CASR NO.	(6004-24-6)
ATOMIC OR MOLECULAR FORMULA	$C_{21}H_{38}NCl \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	358.01
PROPERTIES	--



PARAMETER	LIMIT
Description	White to cream powder.
Solubility	1.0% solution in water is clear and colourless.
Identification	Passes test
Assay(Redox titration ;Calc.with reference to the anhy.sub.)	99.0 - 102.0%
Melting range	80° - 84°C
Absorptivity (A1%/1 cm at λ_{max} 259 nm; in water. Calc.with reference to the anhy.sub)	126 - 134
Appearance of solution	Passes test.
Acidity	Passes test.
Amine & Amine salts	Passes test.
Pyridine	Passes test.

MAXIMUM LIMIT OF IMPURITIES

Sulphated Ash	0.1%
Water	4.5 - 5.5%
Heavy Metals (Pb)	0.002%
Organic volatile Impurities	Meets the requirement.

Note(s) : 1] Assay (if applicable) method mentioned.

DANGER

Hazard statements: Toxic if swallowed. Very toxic to aquatic life.

Precautionary statements

Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response: IF SWALLOWED: Immediately call a POISON CENTER or Doctor/physician. Specific treatment: refer to Label or MSDS.

Disposal: Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 6.1/II

UN No. : 2811

IATA : 6.1

Hazard Pictogram(s) :



GHS06



GHS09

Replace Date 29-May-2023