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**Aquapharm Chemicals Pvt. Limited**

## AQUACID 105 CG

ETIDRONIC ACID

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#### PRODUCT FEATURES

AQUACID 105 CG is an organophosphonate with multifunctional properties like sequestration, deflocculation, threshold inhibition and hydrolytic stability, as a single active ingredient. Because of the excellent complexing capacity for transition metals such as iron, copper, manganese and zinc, it is recommended as efficient stabilizer for peroxide based cosmetic preparation. High purity product is made and tested to ensure high quality requirements are consistently met. This acid grade is preferred for acid to neutral pH based formulations.

#### SPECIFICATIONS

Chemical Name	: Etidronic acid
CAS No.	: 2809-21-4
Molecular Weight	: 294
Appearance	: Clear colourless to pale yellow aqueous solution
Active content	: 58-62%
Specific gravity	:
(g/ml) 25/25°C	: 1.45 ± 0.02
pH (1% solution)	: < 2
Iron Content (ppm)	: 5-8
Solubility	: Soluble in water
Phosphorous acid	: 2.0% max
Heavy metals	
	As: <2 ppm
	Cr/Cd/Mn/Cu/Co: <1 ppm
Microbiological test:	As per USP

(These are typical values and not the final specifications)

#### MAJOR APPLICATIONS

AQUACID 105 CG is recommended to use personal care and cosmetic grade preparations in cosmetics industries as bleach stabilizer and chelating agents.

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**HANDLING PRECAUTIONS** AQUACID 105 CG is slightly toxic by ingestion, practically non-toxic on dermal application, moderately irritating to the skin and corrosive to the eyes. Care should be taken to avoid contact with skin and eyes. In case of contact, flush the affected area with plenty of water. Goggles and rubber gloves should be used at all times when working with the concentrated material.

**PACKING** 295 Kgs Polydrum /1400 Kgs IBC / 26000 Kgs of ISO Tank