



Product Specification

Product Name: ETHYLENEDIAMINETETRAACETIC ACID AR

Alternate Name(s) EDTA, Free Acid; (Ethylenedinitrilo)tetraacetic Acid

Description

White powder or colourless crystals. Slightly soluble in water.

Properties

Chemical Formula:

Molecular Weight: 292.24

Product Code: EA022

CAS No. 60-00-4

General Information:

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: EA0221CHA

Poison schedule: Not scheduled

Emergency

Procedure Guide No.: None Allocated

Quality Specification

Assay: 99.4 - 100.6%

Specific Properties and Impurities [Typical levels]:

Insoluble in dilute ammonium hydroxide	≤ 0.005%
Residue after ignition	≤ 0.2%
Nitrilotriacetic acid [(HOCOCH ₂) ₃ N]	≤ 0.1%
Heavy metals (as Pb)	≤ 0.001%
Calcium (Ca)	≤ 0.001%
Iron (Fe)	≤ 0.005%
Magnesium (Mg)	≤ 0.0005%

CONFORMS TO ACS

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