



Product Specification

Product Name: EDTA Acid LR

Alternate Name(s) Edetic Acid; N,N'-1,2-Ethyenediylbis[N-(carboxymethyl)glycine];
Description (ethylenedinitrilo)tetraacetic acid; edathamil; ethylenediaminetetraacetic
White powder.

Properties

Chemical Formula: $C_{10}H_{16}N_2O_8$

Molecular Weight: 292.24

Product Code: EL022

CAS No. 60-00-4

General Information:

Soluble in water. Addition of alkali hydroxide increases solubility considerably. The free acid is less stable than its salts and decarboxylates when heated to temperatures of 150°C.

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility in water (@ 20 °C)	0.2 g/L
pH (saturated solution)	2 - 3
Colour (30% w/v 5N NaOH)	< 40 (ALPHA)
Bulk Density	600 kg/m ³

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CHAY
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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