



Product Specification

Product Name: trans-1,2-DIAMINOCYCLOHEXANE-N,N,N',N'-TETRAACETIC ACID Monohydrate AR

Alternate Name(s) CDTA; 1,2-Cyclohexanediaminetetraacetic acid

Description

White fine crystalline powder.

Properties

Chemical Formula: C₁₄H₂₂N₂O₈.H₂O

Molecular Weight: 364.35

Product Code: DA133

CAS No.: 125572-95-4

General Information:

Very slightly soluble in water. Insoluble in most common organic solvents. Soluble in alkaline solutions.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 3CH4Z

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 98.5% - 100.5%

Specific Properties and Impurities [Typical levels]:

Melting point	213-216°C (decomposes)
Residue after ignition	0.2%
Heavy metals (as Pb)	0.001%
Insoluble in dilute NaOH	0.01%
Iron (Fe)	0.005%

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