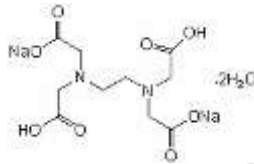


TIQ-F-QC-003  
 Rev.00

## Technical Data Sheet

### EDTA DISODIUM SALT DIHYDRATE 99 % AR

Ethylenediaminetetraacetic acid disodium salt dihydrate



<b>Product Code</b>	O-5084	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	99 %	<b>CAS No</b>	6381-92-6
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> ·2H <sub>2</sub> O	<b>Molecular Weight</b>	372.24 g/mol
<b>H.S.Code</b>	2921.2100	<b>Shelf Life</b>	60 Months

## Physical Properties

<b>Physical state</b>	Crystal	<b>Colour</b>	White
<b>Melting point</b>	248 °C	<b>Decomposition temperature</b>	255 °C

## Packaging

100 gram & 500 gram

## Specification

Appearance	white crystalline powder
Assay ( complexometric;on anhydrous basis )	99.0 - 101.0 %
pH-value (5 %; solution in water)	4.0 - 5.0
Insoluble matter in water	max 0.005 %
Heavy metals (as Pb)	max 0.001 %
Iron (Fe)	max 0.0005 %
Copper (Cu)	max 0.00025 %
Nitilotriacetic acid	max 0.05 %
Chloride (Cl)	max 0.01 %
Sulphate (SO <sub>4</sub> )	max 0.02 %
Calcium (Ca)	max 0.002 %
Nickel (Ni)	max 0.0005 %
Lead (Pb)	max 0.0005 %
Loss on drying (at 150 oC; 6 hrs)	8.7 - 11.4 %

## Safety Information and Hazard Symbols



Symbol: GHS07, GHS08

Signal Word: warning

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H332-H373

Precaution Statement: P260-P271-P304+P340+P312-P314-P501