



## CERTIFICATE OF ANALYSIS

Date: 16/08/17

**PRODUCT NAME : ETHYLENE DIAMINE TETRA ACETIC ACID CALCIUM DISODIUM SALT HYDRATE**

CAS No : 62-33-9      Product code : 14335  
Mol. Formula :  $C_{10}H_{12}CaN_2Na_2O_8 \cdot xH_2O$       Batch No : MCR-14149  
Mol. WT : 374.27.  $xH_2O$       Mfd. : Aug. 2017  
Exp. : July 2022

S. R	Test	Specification	Observation
1	Assay (Complexometric)	98 – 102% w/w	98.74% w/w
2	pH (20% aq. solution)	6.5-8.0	6.71
3	Water insoluble matter	Passes test	Passes test
4	EDTA disodium salt	1 % max	< 1 %
5	Nitrilotriacetic acid	0.1% max	<0.1%
6	Chloride (Cl)	0.1% max	<0.1%
7	Water	5.0 – 13.0%	9.0%
8	Heavy metals (Pb)	0.002% max	<0.002%
9	Copper (Cu)	0.002% max	<0.002%
10	Iron (Fe)	0.008% max	<0.008%
11	Nickel(Ni)	0.002% max	<0.002%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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