



CERTIFICATE OF ANALYSIS

**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-19398
Mol. WT	: 374.27. xH_2O	Mfd.	: Aug. 2019
Date of analysis	: 18/08/19	Exp.	: July 2024

S. R	Test	Specification	Observation
1	Description	White to off White powder or Crystalline powder	White powder
2	Assay (Complexometric)	98 – 102%w/w	98.16%w/w
3	pH (20% aq. solution)	6.5-8.0	6.81
4	Water insoluble matter	Passes test	Passes test
5	EDTA disodium salt	1 % max	< 1 %
6	Nitrilotriacetic acid	0.1% max	<0.1%
7	Chloride (Cl)	0.1% max	<0.1%
8	Water	5.0 – 13.0%	7.5%
9	Heavy metals (Pb)	0.002% max	<0.002%
10	Copper (Cu)	0.002% max	<0.002%
11	Iron (Fe)	0.008% max	<0.008%
12	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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