

**CERTIFICATE OF ANALYSIS**

Product Name: ETHYLENE DIAMINE TETRA ACETIC ACID (EDTA) AR/ACS

Code no. : AED1000 CAS no. : 60-00-4

Lot no. : B181531511 Mfg date: NOV-2015

Exp date: OCT-2020 Analyzed on: 16/11/15

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. no. | Tests | Specifications | Results |
| 1 | Description  | White crystalline powder  | White crystalline powder  |
| 2 | Assay (Complexometric) | 99.4 – 100.6% | 99.96% |
| 3 | Ammonia insoluble components | Max. 0.005% | <0.005% |
| 4 | Iron (Fe) | Max. 0.001% | <0.001% |
| 5 | Nitrilotriacetic acid (HPLC) | Max. 0.1% | 0.1% |
| 6 | Water | Max. 0.2% | 0.19% |
| 7 | Residue on ignition | Max. 0.1% | 0.03% |
| 8 | Chloride (Cl) | Max. 0.01% | 0.008% |
| 9 | Heavy metals (as Pb) | Max. 0.001% | Not detected |
| 10 | Calcium (Ca) | Max. 0.001% | 0.00072% |
| 11 | Magnesium (Mg) | Max. 0.0005% | 0.00033% |

This document has been produced electronically and it is valid without signature.