



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-A1375D  
Lot #: 2021102744

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: EDTA, Disodium Salt, Dihydrate  
ACS

F.W.: 372.2400

CHEMICAL FORMULA: C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>8</sub>Na<sub>2</sub> • 2H<sub>2</sub>O

CAS No: 6381-92-6

Density: 1.0000

| ANALYTICAL RESULTS  |                |            |
|---|----------------|------------|
| ITEM  | SPECIFICATIONS | ANALYSIS   |
| Assay (C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>8</sub> Na <sub>2</sub> • 2H <sub>2</sub> O) | 99.0-101.0%    | 100.3%     |
| pH of a 5% solution at 25°C   | 4.0-6.0        | 4.5        |
| Insoluble Matter  | 0.005% max.    | <0.005%    |
| Nitritotriacetic acid [(HOCOCH <sub>4</sub> ) <sub>3</sub> N]   | 0.1% max.      | <0.1%      |
| Heavy Metals (as Pb)  | 0.005% max.    | <0.001%    |
| Iron (Fe)   | 0.01% max.     | <0.002%    |
| Manufacture Date  | Record Actual  | 05/01/2021 |
| Expiration Date   | Record Actual  | 04/30/2024 |
| REMARKS   |                |            |
|   |                |            |
|   |                |            |
|   |                |            |

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Jorge L. Villanueva, Ph.D., General Manager

SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185