Sodium Citrate, Dihydrate, Crystal AR[®] (ACS)



Material No.: 0754-12 Batch No.: 0000171882 Manufactured Date: 2014/12/26 Retest Date: 2021/12/24

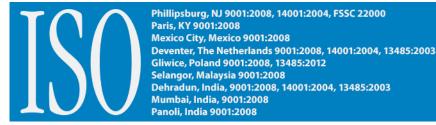
Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test | Specification | Result |
|--|---------------|---------|
| ACS – Assay (HOC(COONa)(CH2COONa)2 · 2H2O) | >= 99.0 % | 99.1 |
| ACS – pH of 5% Solution at 25°C | 7.0 - 9.0 | 8.2 |
| ACS – Insoluble Matter | <= 0.005 % | < 0.001 |
| ACS – Chloride (Cl) | <= 0.003 % | < 0.003 |
| ACS – Sulfate (SO4) | <= 0.005 % | 0.005 |
| ACS – Ammonia (as NH3) | <= 0.003 % | < 0.003 |
| ACS – Calcium (Ca) | <= 0.005 % | < 0.001 |
| ACS – Heavy Metals (as Pb) | <= 5 ppm | < 5 |
| ACS – Iron (Fe) | <= 5 ppm | < 5 |

For Laboratory, Research or Manufacturing Use Appearance (colorless or white crystals)

| Country of Origin: | AT |
|--------------------|--------------------|
| Packaging Site: | Paris Mfg Ctr & DC |



James Techie

Jamie Ethier Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600 Avantor Performance Materials, LLC.

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