

542– TRI-SODIUM CITRATE (DIHYDRATE), AR GRADE

| | | |
|--------------------------|---|-------------------------|
| REF NO: TBL/QA/SS/LC/542 | STANDARD SPECIFICATION FOR TRI-SODIUM CITRATE (DIHYDRATE), AR GRADE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 29/10/2024 |
| Issue Date: 30/10/2021 | | Product code: 542 |

PRODUCT PROPERTIES

| | |
|--------------------|-----------------------------|
| C.A.S Number | 6132-04-3 |
| Chemical Formula | $C_6H_5Na_3O_7 \cdot 2H_2O$ |
| Formula weight | 294.1 |
| Functional Uses | NA |
| Standard Packaging | 500 gm. & 5 kg |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|--|
| Appearance | White granular crystals or crystalline powder. |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|---------------------------------------|---------------|
| pH (0.2M in H ₂ O at 25°C) | 7.0 - 9.0 |
| Chloride (Cl) | NMT-0.003% |
| Sulphate (SO ₄) | NMT-0.005% |
| Heavy Metal (Pb) | NMT- 0.005% |
| Iron (Fe) | NMT- 0.0005% |
| Assay | NLT- 99.0% |

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

