



# SEVEN STAR LEMON TECHNOLOGY CO., LTD.

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## Certificate of Analysis

Product Name:Trisodium Citrate Dihydrate  
Molecular Formula:  $C_6H_5Na_3O_7 \cdot 2H_2O$   
CAS No.:6132-04-3  
Packing:In 25kg Bag  
Quantity: 26.575T

Report No.: QXNM-2024-102473  
Batch No:S32409001  
Mesh No.:30-100mesh  
Production Date:SEP.02.2024  
Expiry Date:SEP.01.2027

| Item                                                          | Unit  | Quality Standards                                                                                                                                          | Analysis Results |
|---------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Characters                                                    | ---   | White or almost white,crystalline powder or granularcrystals. Slightly deliquescent in moist air. Freely soluble in water,practically insoluble in ethanol | Pass             |
| Identification                                                | ---   | Pass Test                                                                                                                                                  | Pass             |
| Appearance of solution                                        | ---   | Pass Test                                                                                                                                                  | Pass             |
| Assay                                                         | %     | 99.0~ 100.5                                                                                                                                                | 99.9             |
| Water                                                         | %     | 11.0~13.0                                                                                                                                                  | 12.07            |
| Readily Carbonisable Substances                               | ---   | Pass Test                                                                                                                                                  | Pass             |
| Acidity or Alkalinity                                         | ---   | Pass Test                                                                                                                                                  | Pass             |
| PH (5%w/v)                                                    | ---   | 7.5~9.0                                                                                                                                                    | 8.56             |
| Sulfate                                                       | mg/kg | $\leq 150$                                                                                                                                                 | <100             |
| Oxalate                                                       | mg/kg | $\leq 100$                                                                                                                                                 | <50              |
| Chloride                                                      | mg/kg | $\leq 50$                                                                                                                                                  | <50              |
| Lead                                                          | mg/kg | $\leq 1$                                                                                                                                                   | <1               |
| Arsenic                                                       | mg/kg | $\leq 1$                                                                                                                                                   | <1               |
| Mercury                                                       | mg/kg | $\leq 1$                                                                                                                                                   | <1               |
| Heavy Metals(as Pb 计)                                         | mg/kg | $\leq 10$                                                                                                                                                  | <10              |
| Tartrate                                                      | ---   | Pass Test                                                                                                                                                  | Pass             |
| Pyrogen                                                       | ---   | Pass Test                                                                                                                                                  | Pass             |
| Conclusion: The product is in conformity with BP/USP/FCC/E331 |       |                                                                                                                                                            |                  |

Signature&Stamp:



Analysis Date:SEP.02.2024