

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-20 11:32:03

Date of Next Testing: 2027-06-19 11:32:03

Product Name: **Trimesic acid**

CAS Number: 554-95-0

Specifications &amp; Purity: 98%

Lot #: F23131315

SKU #: **T109692****Analysis: 218838**

| Parameter                                       | Limit Values                                          | Result                                                |
|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(Neutralization titration)                | 97.5-102.5 (%)                                        | 99.75 %                                               |
| Carbon by Elemental Analysis                    | 49.8-51.8 (%)                                         | 50.62 %                                               |
| Oxygen by Elemental Analysis                    | 44.2-46.1 (%)                                         | 45.36 %                                               |
| Appearance (T109692)                            | White to pale cream to Light yellow powder to crystal | White to pale cream to Light yellow powder to crystal |
| Proton NMR spectrum                             | Conforms to Structure                                 | Conforms to Structure                                 |
| Solubility in EtOH , Colorless, Clear, c = 2.5% | pass                                                  | Pass                                                  |

John Su  
QA & QC Manager