

## Certificate of Analysis

Date of Testing: 2023-09-04 10:40:47

Date of Next Testing: 2027-09-03 10:40:47

Product Name: **Guanosine-5'-triphosphate disodium salt**

CAS Number: 56001-37-7

Specifications & Purity:  $\geq 98\%$

Lot #: H2330487

SKU #: **G419147**

Version: **1**

Analysis #: **267384**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                          | Limit Values          | Result                |
|----------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)                                  | 98-100 (%)            | 98.20 %               |
| Water by Karl Fischer                              | 0-13 (%)              | 5.90 %                |
| Appearance(G419147)                                | White powder          | White powder          |
| Solubility(colorless solution at 50mg/ml in water) | pass                  | Pass                  |
| NMR Spectrum 1H                                    | Conforms to Structure | Conforms to Structure |
| Phosphorus NMR Spectra                             | Conforms to Structure | Conforms to Structure |



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