

## Certificate of Analysis

Date of Testing: 2025-06-03 10:38:28

Date of Next Testing: 2028-06-02 10:38:28

Product Name: **6-Phosphogluconic acid trisodium salt**

CAS Number: 53411-70-4

Specifications & Purity:  $\geq 95\%$

Lot #: E2528579

SKU #: **P432845**

Version: **1**

Analysis #: **516253**

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                     | Limit Values              | Result                    |
|---------------------------------------------------------------|---------------------------|---------------------------|
| Sodium (Na)(anhydrous)                                        | 18-21 (%)                 | 19.20 %                   |
| Purity(HPLC area)                                             | 95-100 (%)                | 99.00 %                   |
| Appearance(P432845)                                           | White to Off-White Powder | White to Off-White Powder |
| NMR Spectrum 1H                                               | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Colorless and clear,50 mg/mL | pass                      | Pass                      |



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