

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-24 13:58:33

Date of Next Testing: 2027-12-24 13:58:33

Product Name: **Xanthine sodium salt**

CAS Number: 1196-43-6

Specifications & Purity:  $\geq 95\%$

Lot #: L2417195

SKU #: **X419697**

Version: **1**

Analysis #: **097046**

Storage Temperature: Room temperature

| Parameter             | Limit Values                                  | Result                                        |
|-----------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)          | 95-100 (%)                                    | 98.71460 %                                    |
| Water by Karl Fischer | $\leq 13$ (%)                                 | 2.70180 %                                     |
| Proton NMR spectrum   | Conforms to structure                         | Conforms to Structure                         |
| ICP:Confirms Sodium   | Confirmed                                     | Confirmed                                     |
| Component             |                                               |                                               |
| Appearance(X419697)   | White to Off White to Orange powder or chunks | White to Off White to Orange powder or chunks |



John Su  
QA & QC Manager