

## Certificate of Analysis

Date of Testing: 2025-05-23 14:34:07

Date of Next Testing: 2028-05-22 14:34:07

Product Name: **Orotic acid potassium salt**

CAS Number: 24598-73-0

Specifications & Purity:  $\geq 98\%$

Lot #: E2522468

SKU #: **O168982**

Version: **1**

Analysis #: **512828**

Storage Temperature: Room temperature

| Parameter                                                                    | Limit Values                 | Result                       |
|------------------------------------------------------------------------------|------------------------------|------------------------------|
| Purity(HPLC area)                                                            | 98-100 (%)                   | 99.79 %                      |
| Appearance(O168982)                                                          | White to Faint Yellow Powder | White to Faint Yellow Powder |
| ICP:Confirms Potassium Component                                             | Confirmed                    | Confirmed                    |
| Solubility(25 mg/mL,1M NaOH)Clear to Slightly Hazy,Colorless to Faint Yellow | pass                         | Pass                         |
| Infrared spectrum                                                            | Conforms to Structure        | Conforms to Structure        |
| NMR Spectrum 1H                                                              | Conforms to Structure        | Conforms to Structure        |



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