

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-23 15:38:05

Date of Next Testing: 2029-04-22 15:38:05

Product Name: **Iron sulfate hydrate**

CAS Number: 15244-10-7

Specifications & Purity: AR, Fe 21-23%

Lot #: D2514362

SKU #: **F112483**

Version: **0**

Analysis #: **502535**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                        | Limit Values                              | Result                                    |
|--------------------------------------------------|-------------------------------------------|-------------------------------------------|
| (As)Arsenic                                      | 0-0.0005 (%)                              | 0.00000 %                                 |
| Zinc(Zn)                                         | 0-0.005 (%)                               | 0.00000 %                                 |
| Ferrous(Fe <sup>2+</sup> )                       | 0-0.1 (%)                                 | 0.00250 %                                 |
| Chloride (Cl <sup>-</sup> )                      | 0-0.002 (%)                               | 0.00000 %                                 |
| Insoluble matter                                 | 0-0.01 (%)                                | 0.00540 %                                 |
| Assay(Fe)                                        | 21-23 (%)                                 | 22.50000 %                                |
| Alkali and Alkaliearth metals(With sulfate plan) | 0-0.1 (%)                                 | 0.00420 %                                 |
| Appearance (F112483)                             | White to Yellow Powder, Crystals or Solid | White to Yellow Powder, Crystals or Solid |
| (NO <sub>3</sub> )Nitrate                        | Passes test                               | Passes test                               |
| X-Ray Diffraction                                | Conforms to Structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager