

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-06 11:14:09  
 Date of Next Testing: 2026-08-05 11:14:09  
 Product Name: **Iron sulfate hydrate**  
 CAS Number: 15244-10-7  
 Specifications & Purity: AR, Fe 21-23%  
 Lot #: G2229344  
 SKU #: **F112483**  
 Version: **0**  
 Analysis #: **122478**  
 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 (%)                               | 0.00300 %                                 |
| Ferrous(Fe <sup>2+</sup> )                       | 0-0.1 (%)                                 | 0.06100 %                                 |
| Chloride (Cl <sup>-</sup> )                      | 0-0.002 (%)                               | 0.00100 %                                 |
| Insoluble matter                                 | 0-0.01 (%)                                | 0.00500 %                                 |
| Assay(Fe)                                        | 21-23 (%)                                 | 22.97300 %                                |
| Alkali and Alkaliearth metals(With sulfate plan) | 0-0.1 (%)                                 | 0.04900 %                                 |
| 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