

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-20 17:51:12

Date of Next Testing: 2026-07-19 17:51:12

Product Name: **Dodecacarbonyltriiron**

CAS Number: 17685-52-8

Specifications & Purity:  $\geq 96\%$ (dry weight), 5-10% Methanol stabilizer

Lot #: G2315331

SKU #: **D191590**

Version: **1**

Analysis #: **225540**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter             | Limit Values                                     | Result                                           |
|-----------------------|--------------------------------------------------|--------------------------------------------------|
| Water by Karl Fischer | 0-10.5 (%)                                       | 1.02690 %                                        |
| Iron(Fe)              | 32-35 (%)                                        | 32.59000 %                                       |
| Appearance (D191590)  | Black Crystals, Powder or Granular and/or Chunks | Black Crystals, Powder or Granular and/or Chunks |
| Infrared spectrum     | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager