

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-12 09:42:05

Date of Next Testing: 2028-09-11 09:42:05

Product Name: **Lead sulfide**

CAS Number: 1314-87-0

Specifications & Purity:  $\geq 99.9\%$  metals basis, powder,  $\geq 200$  mesh

Lot #: L2007021

SKU #: **L109503**

Version: **2**

Analysis #: **410157**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                     | Result                                           |
|-----------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Pb(Complexometric EDTA)                 | 83.6-89.6 (%)                                    | 84.00000 %                                       |
| Trace Metal                             | 0-2000 (ppm)                                     | 70.00000 ppm                                     |
| Analysis(Al,Ba,Ca,Cr,Cu,Fe,Mg,Na,Ti,Zn) |                                                  |                                                  |
| Particle size                           | $\geq 200$ (mesh)                                | 325.30000 mesh                                   |
| Purity(Based On Trace Metals Analysis)  | 99.9-100 (%)                                     | 99.99300 %                                       |
| Appearance (L109503)                    | Grey, black to Dark Purple Powder or Crystalline | Grey, black to Dark Purple Powder or Crystalline |
| ICP:Confirms Pb and S Components        | Confirmed                                        | Confirmed                                        |
| X-Ray Diffraction                       | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager