

Certificate of Analysis

Date of Testing: 2022-06-14 19:03:17
Date of Next Testing: 2026-06-13 19:03:17
Product Name: **Praseodymium(III, IV) oxide**
CAS Number: 12037-29-5
Specifications & Purity: 99.9% metals basis
Lot #: F2201267
SKU #: **P105310**
Analysis: **018918**

| Parameter | Limit Values | Result |
|--|----------------------------|----------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%) | 99.94 % |
| pr (Complexometric titration) | 80.7-85.7 (%) | 82.70 % |
| Trace Rare Earth Analysis | 0-2000 (ppm) | 595.00 ppm |
| Appearance (P105310) | Dark brown or black powder | Dark brown or black powder |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager