

Certificate of Analysis

Date of Testing: 2024-12-19 13:04:40

Date of Next Testing: 2028-12-18 13:04:40

Product Name: **Praseodymium oxide**

CAS Number: 12037-29-5

Specifications & Purity: $\geq 99.996\%$ metals basis

Lot #: L2413595

SKU #: **P105313**

Version: **1**

Analysis #: **439887**

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.996-100 (%)	100.00 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-50 (ppm)	40.00 ppm
Appearance (P105313)	Brown to dark brown to grey-black to black powder	Brown to dark brown to grey-black to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP Major Analysis (Confirms Praseodymium Component)	Confirmed	Confirmed



John Su
QA & QC Manager