

## Certificate of Analysis

Date of Testing: 2022-07-28 16:24:56  
Date of Next Testing: 2026-07-27 16:24:56  
Product Name: **Niobium pentaoxide**  
CAS Number: 1313-96-8  
Specifications & Purity: optical glass grade ,99.99% metals basis  
Lot #: G2223268  
SKU #: **N108411**  
**Analysis: 101546**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
Trace Metal Analysis	0-100 (ppm)	99.00 ppm
Appearance (N108411)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP:Confirms Niobium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager