

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-06-04 10:34:43  
Date of Next Testing: 2025-06-03 10:34:43  
Product Name: **Niobium pentaoxide**  
CAS Number: 1313-96-8  
Specifications & Purity: optical glass grade ,99.99% metals basis  
Lot #: F2101231  
SKU #: **N108411**  
Analysis: **081945**

Parameter	Limit Values	Result
Trace Metal Analysis	0-100 (ppm)	98.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Appearance (N108411)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Niobium Component	Confirmed	Confirmed



John Su  
QA & QC Manager