

## Certificate of Analysis

Date of Testing: 2022-07-12 16:45:35  
Date of Next Testing: 2024-07-11 16:45:35  
Product Name: **Niobium chloride**  
CAS Number: 10026-12-7  
Specifications & Purity: 99.9% metals basis  
Lot #: G2209256  
SKU #: **N106720**  
**Analysis:** **102799**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.98 %
Total Metallic Impuritie	0-1000 (ppm)	226.00 ppm
Assay Cl (titration by AgNO3)	64.6-66.6 (%)	64.61 %
Appearance (N106720)	yellow powder,crystals and/or chunks	yellow powder,crystals and/or chunks
ICP:Confirms Niobium Component	Confirmed	Confirmed



John Su  
QA & QC Manager