

## Certificate of Analysis

Date of Testing: 2022-10-18 11:32:53  
Date of Next Testing: 2026-10-17 11:32:53  
Product Name: **Nickel chloride hexahydrate**  
CAS Number: 7791-20-0  
Specifications & Purity: 99.999% metals basis  
Lot #: J2213895  
SKU #: **N118617**  
**Analysis: 145369**

Parameter	Limit Values	Result
Water by Karl Fischer	43-48 (%)	45.41%
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	100.00%
Ni(Gravimetric Analysis With Dimethylglyoxime)	24-26 (%)	24.30%
Total Metallic Impuritie	0-20 (ppm)	12.40 ppm
Appearance (N118617)	Yellow to green crystals, powder and/or chunks	Yellow to green crystals, powder and/or chunks
ICP: Confirms Nickel Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager