

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-09 09:31:23  
Date of Next Testing: 2027-01-08 09:31:23  
Product Name: **4-Chloro-7-nitro-1,2,3-benzoxadiazole**  
CAS Number: 10199-89-0  
Specifications & Purity: 98%  
Lot #: A2303120  
SKU #: **C113202**  
**Analysis: 164439**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Butylamine Method)	98-100 (%)	99.87%
Melting point	97-100 (°C)	98.33000 °C
Appearance ( C 113202)	yellow powder	yellow powder
HPLC derivatization test	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Methanol	almost transparency	almost transparency



John Su  
QA & QC Manager