

## Certificate of Analysis

Date of Testing: 2022-12-06 18:07:05  
Date of Next Testing: 2026-12-05 18:07:05  
Product Name: **Nivalenol from Fusarium nivale**  
CAS Number: 23282-20-4  
Specifications & Purity:  $\geq 99.0\%$ (HPLC)  
Lot #: K2228426  
SKU #: **N139791**  
**Analysis: 142443**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.29000 %
Carbon by Elemental Analysis	56.5-58.1 (%)	57.23 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (N139791)	white to off-white crystalline powder or powder	white to off-white crystalline powder or powder
Solubility in MeOH,Clear Colorless(10 Pass mg/ml)		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager