

## Certificate of Analysis

Date of Testing: 2025-09-08 13:40:49  
Date of Next Testing: 2029-09-07 13:40:49  
Product Name: **N2-Isobutyryl-2'-deoxyguanosine**  
CAS Number: 68892-42-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2123234  
SKU #: **I119475**  
Version: **0**  
Analysis #: **568648**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.43200 %
Purity( total nitrogen )	98-100 (%)	98.31 %
Appearance (I119475)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager