

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-21 10:39:01

Date of Next Testing: 2025-08-10 10:39:01

Product Name: **5-Hydroxy-2-nitrobenzaldehyde**

CAS Number: 42454-06-8

Specifications & Purity: $\geq 98\%$

Lot #: K2102218

SKU #: **H120327**

Version: **0**

Analysis #: **266385**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.23100 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.42000 %
Carbon by Elemental Analysis	49.05-52.07 (%)	51.03000 %
Nitrogen by Elemental Analysis	8.17-8.67 (%)	8.35000 %
Appearance (H120327)	yellow to brown powder	yellow to brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager