

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-06 10:58:38
 Date of Next Testing: 2026-07-27 10:58:38
 Product Name: **5-Hydroxy-2-nitrobenzaldehyde**
 CAS Number: 42454-06-8
 Specifications & Purity: $\geq 98\%$
 Lot #: C1306069
 SKU #: **H120327**
 Version: **0**
 Analysis #: **395646**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.25700 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.21800 %
Carbon by Elemental Analysis	49.05-52.07 (%)	50.27000 %
Nitrogen by Elemental Analysis	8.17-8.67 (%)	8.42000 %
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