

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-15 21:19:44  
 Date of Next Testing: 2026-06-14 21:19:44  
 Product Name: **2,5-Dihydroxybenzoic acid**  
 CAS Number: 490-79-9  
 Specifications & Purity: matrix substance for MALDI-MS, >99.0% (HPLC)  
 Lot #: F2213232  
 SKU #: **D119198**  
**Analysis: 100943**  
 Storage Temperature: Protected from light

Parameter	Limit Values	Result
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-5 (ppm)	0.00 ppm
abs. absorption/337 nm	≥2000	4098.53
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Melting point	200-207 (°C)	206.98000 °C
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-5 (ppm)	5.00 ppm
Purity(Neutralization titration)	98.5-101.5 (%)	99.60 %
Zinc(Zn)	0-5 (ppm)	5.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	2.45 ppm
Purity(HPLC)	99-100 (%)	99.55100 %
Appearance (D119198)	white to yellow crystals,powder,crystalline powder	white to yellow crystals,powder,crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Yellow,Clear,10 mg/mL	pass	Pass



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager