

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-11-07 11:50:53
Date of Next Testing:	2026-11-06 11:50:53
Product Name:	2,5-Dihydroxybenzoic acid
CAS Number:	490-79-9
Specifications & Purity:	matrix substance for MALDI-MS, >99.0% (HPLC)
Lot #:	K2201584
SKU #	D119198
Analysis:	151772
Storage Temperature:	Protected from light

Parameter	Limit Values	Result
Magnesium(Mg)	0-5 (ppm)	4.23 ppm
Copper(Cu)	0-5 (ppm)	2.10 ppm
Lead(Pb)	0-5 (ppm)	3.20 ppm
Potassium(K)	0-5 (ppm)	1.23 ppm
abs. absorption/337 nm	≥2000	4098.53
Nickel(Ni)	0-5 (ppm)	4.99 ppm
Melting point	200-207 (°C)	206.98000 °C
Purity(HPLC)	99-100 (%)	99.99010 %
Cobalt(Co)	0-5 (ppm)	4.32 ppm
Sodium(Na)	0-5 (ppm)	1.36 ppm
Purity(Neutralization titration)	98.5-101.5 (%)	99.50 %
Zinc(Zn)	0-5 (ppm)	3.00 ppm
Manganese(Mn)	0-5 (ppm)	0.95 ppm
Barium(Ba)	0-5 (ppm)	1.28 ppm
Cadmium(Cd)	0-5 (ppm)	0.63 ppm
Calcium(Ca)	0-5 (ppm)	2.50 ppm
Chromium(Cr)	0-5 (ppm)	1.87 ppm
Iron(Fe)	0-5 (ppm)	2.45 ppm
Appearance (D119198)	white to yellow	white to yellow
	crystals,powder,crystalline powder	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