

Certificate of Analysis

Date of Testing:	2024-05-07 16:15:58
Date of Next Testing:	2028-05-06 16:15:58
Product Name:	2,5-Dihydroxybenzoic acid
CAS Number:	490-79-9
Specifications & Purity:	matrix substance for MALDI-MS, >99.0% (HPLC)
Lot #:	D2424242
SKU #	D119198
Analysis:	344419
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	4698.00
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Purity(HPLC)	99-100 (%)	99.93700 %
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-5 (ppm)	4.00 ppm
Purity(Neutralization titration)	98.5-101.5 (%)	98.60 %
Zinc(Zn)	0-5 (ppm)	0.00 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)	0.00 ppm
Melting point	200-207 (°C)	206.63000 °C
Appearance (D119198)	white to yellow	white to yellow
	crystals,powder,crystalline powder	crystals,powder,crystalline powder
Solubility in MeOH , Colorless to Yellow,Clear,10 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager