

Certificate of Analysis

Date of Testing: 2025-07-05 11:45:26

Date of Next Testing: 2029-07-04 11:45:26

Product Name: **2,5-Dihydroxybenzoic acid**

CAS Number: 490-79-9

Specifications & Purity: $\geq 99\%$ (HPLC), matrix substance for MALDI-MS

Lot #: G2501319

SKU #: **D119198**

Version: **0**

Analysis #: **531041**

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	4326.40
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Purity(HPLC)	99-100 (%)	99.99000 %
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-5 (ppm)	0.00 ppm
Purity(Neutralization titration)	98.5-101.5 (%)	100.00 %
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
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Melting point	200-207 (°C)	206.81000 °C
Calcium(Ca)	0-5 (ppm)	3.50 ppm
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



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

John Su
QA & QC Manager