

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-22 10:10:34

Date of Next Testing: 2028-01-21 10:10:34

Product Name: **Sinapic acid**

CAS Number: 530-59-6

Specifications & Purity: matrix substance for MALDI-MS

Lot #: C2013154

SKU #: **S130836**

Version: **0**

Analysis #: **316410**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Barium(Ba)	0-5 (ppm)	4.31000 ppm
Calcium(Ca)	0-10 (ppm)	9.42000 ppm
Cobalt(Co)	0-5 (ppm)	4.34000 ppm
Manganese(Mn)	0-5 (ppm)	2.80000 ppm
Purity(Neutralization titration)	99-101 (%)	99.87000 %
Copper(Cu)	0-5 (ppm)	2.90000 ppm
Magnesium(Mg)	0-5 (ppm)	3.91000 ppm
Cadmium(Cd)	0-5 (ppm)	4.52000 ppm
Purity(HPLC)	99-100 (%)	99.26000 %
Iron(Fe)	0-20 (ppm)	10.50000 ppm
Chromium(Cr)	0-5 (ppm)	3.90000 ppm
Sodium(Na)	0-50 (ppm)	29.74000 ppm
Zinc(Zn)	0-5 (ppm)	3.50000 ppm
(Pb)Lead	0-5 (ppm)	1.79000 ppm
Potassium(K)	0-50 (ppm)	25.30000 ppm
Nickel(Ni)	0-5 (ppm)	3.81000 ppm
Appearance (S130836)	Off-White to Pale Yellow Crystals,Powder or Flakes	Off-White to Pale Yellow Crystals,Powder or Flakes
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
UV spectrometry	Conforms to structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager