

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-21 14:42:50
 Date of Next Testing: 2026-01-20 14:42:50
 Product Name: **Sinapic acid**
 CAS Number: 530-59-6
 Specifications & Purity: matrix substance for MALDI-MS
 Lot #: A2217013
 SKU #: **S130836**
 Version: **0**
 Analysis #: **064714**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Barium(Ba)	0-5 (ppm)	2.36000 ppm
Calcium(Ca)	0-10 (ppm)	5.25000 ppm
Cobalt(Co)	0-5 (ppm)	2.31000 ppm
Manganese(Mn)	0-5 (ppm)	4.22000 ppm
Purity(Neutralization titration)	99-101 (%)	99.99500 %
Copper(Cu)	0-5 (ppm)	3.02000 ppm
Magnesium(Mg)	0-5 (ppm)	4.05000 ppm
Cadmium(Cd)	0-5 (ppm)	3.26000 ppm
Purity(HPLC)	99-100 (%)	99.21870 %
Iron(Fe)	0-20 (ppm)	14.02000 ppm
Chromium(Cr)	0-5 (ppm)	3.10000 ppm
Sodium(Na)	0-50 (ppm)	15.96000 ppm
Zinc(Zn)	0-5 (ppm)	3.31000 ppm
(Pb)Lead	0-5 (ppm)	3.26000 ppm
Potassium(K)	0-50 (ppm)	11.03000 ppm
Nickel(Ni)	0-5 (ppm)	1.63000 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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager