

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-11-22 13:24:43
 Date of Next Testing: 2025-11-21 13:24:43
 Product Name: **Saccharin sodium salt hydrate**
 CAS Number: 82385-42-0
 Specifications & Purity: $\geq 99\%$
 Lot #: K2117175
 SKU #: **S121796**
 Version: **1**
 Analysis #: **017852**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Potassium(K)	0-0.005 (%)	0.00030 %
Water by Karl Fischer	0-15 (%)	13.54360 %
Calcium(Ca)	0-0.005 (%)	0.00100 %
Iron(Fe)	0-0.0005 (%)	0.00010 %
Purity(HPLC)	98-100 (%)	99.17800 %
Aluminum(Al)	0-0.0005 (%)	0.00023 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.00360 %
Ammonia (NH ₄)	0-0.05 (%)	0.00450 %
Magnesium(Mg)	0-0.001 (%)	0.00063 %
Phosphorus (P)	0-0.0005 (%)	0.00010 %
Chloride (Cl ⁻)	0-0.05 (%)	0.00870 %
purity by titration	98-101 (%)	98.96100 %
(Pb)Lead	0-0.001 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00023 %
Zinc(Zn)	0-0.0005 (%)	0.00020 %
Appearance (S121796)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear, 100 mg/mL, H ₂ O	pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager