

Certificate of Analysis

Date of Testing: 2022-09-16 13:56:42

Date of Next Testing: 2026-09-15 13:56:42

Product Name: **Saccharin sodium salt hydrate**

CAS Number: 82385-42-0

Specifications & Purity: $\geq 99\%$

Lot #: K1822063

SKU #: **S121796**

Analysis: **135579**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Potassium(K)	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-15 (%)	14.86 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.69720 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.05 (%)	0.03 %
Ammonia (NH4)	0-0.05 (%)	0.01 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.05 (%)	0.00 %
purity by titration	98-101 (%)	99.70 %
(Pb)Lead	0-0.001 (%)	0.00 %
Insoluble matter	0-0.1 (%)	0.04 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
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 H2O , Colorless,Clear,100 mg/mL, H2O	pass	Pass



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

John Su
QA & QC Manager