

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 11:55:45
 Date of Next Testing: 2027-01-10 11:55:45
 Product Name: **2-Naphthalenesulfonic Acid Hydrate**
 CAS Number: 76530-12-6
 Specifications & Purity: $\geq 98\%$
 Lot #: C1920013
 SKU #: **N104207**
 Version: **0**
 Analysis #: **177480**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Free acid	0-2 (%)	1.90000 %
Water by Karl Fischer	0-35 (%)	30.90000 %
Purity(Neutralization titration)(calcd.on anh.substance)	98-100 (%)	99.10000 %
Purity(HPLC)	98-100 (%)	99.13000 %
Appearance (N104207)	Grey to Brown Solid, Chips or Flakes	Grey to Brown Solid, Chips or Flakes
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager