

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-02 18:59:08
 Date of Next Testing: 2030-04-01 18:59:08
 Product Name: **4-Nitrobenzenesulfonic Acid Hydrate**
 CAS Number: 138-42-1
 Specifications & Purity: $\geq 98\%$
 Lot #: C2631312
 SKU #: **N102177**
 Version: **2**
 Analysis #: **690163**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	0-19 (%)	15.03550 %
Melting point	111-115 (°C)	113.80000 °C
Purity(HPLC)	98-100 (%)	99.22700 %
Purity(Neutralization titration) (calcd.on anh.substance)	97.5-102.5 (%)	98.86000 %
Appearance (N102177)	White to Light yellow to brown powder or crystals or solid	White to light yellow to brown powder or crystals or solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager