

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-18 15:21:54
 Date of Next Testing: 2026-01-17 15:21:54
 Product Name: **Sodium hydrogen phthalate hemihydrate**
 CAS Number: 827-27-0(anhydrous)
 Specifications & Purity: AR, ≥99.8%
 Lot #: A2215272
 SKU #: **S100135**
 Version: **0**
 Analysis #: **059432**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Potassium(K)	0-0.05 (%)	0.03100 %
Loss on drying	0-9 (%)	3.11700 %
Iron(Fe)	0-0.001 (%)	0.00087 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00042 %
Sulfate(SO ₄ ²⁻)	0-0.006 (%)	0.00160 %
Ammonia (NH ₄)	0-0.005 (%)	0.00230 %
Purity(anhydrous)	99.8-100 (%)	99.81000 %
Appearance (S100135)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager