

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-18 18:19:56

Date of Next Testing: 2027-11-18 18:19:56

Product Name: **2-Ketobutyric acid sodium salt hydrate**

CAS Number: 2013-26-5(anhydrous)

Specifications & Purity: $\geq 95\%$

Lot #: K2418502

SKU #: **K463599**

Version: **1**

Analysis #: **438508**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)(calcd.on dried substance)	95-105 (%)	102.48000 %
Water by Karl Fischer	1-15 (%)	3.03830 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(K463599)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager