

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-05 11:18:50
 Date of Next Testing: 2027-12-04 11:18:50
 Product Name: **3-Isoquinolinecarboxylic acid hydrate**
 CAS Number: 207399-25-5
 Specifications & Purity: $\geq 97\%$
 Lot #: K2329032
 SKU #: **I122685**
 Version: **2**
 Analysis #: **154213**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	96.5-103.5 (%)	99.30000 %
Melting point	166-168 (°C)	166.79000 °C
Purity(GC)	97-100 (%)	97.01500 %
Appearance (I122685)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager