

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-12 19:23:12  
Date of Next Testing: 2025-04-11 19:23:12  
Product Name: **4-Methylumbelliferyl sulfate potassium salt**  
CAS Number: 15220-11-8  
Specifications & Purity: 99%  
Lot #: D2306530  
SKU #: **M131130**  
**Analysis: 185550**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.36100%
Impurity(Free 4-methyl-umbelliferone)	0-0.05 (%)	0.00%
Carbon by Elemental Analysis	40-41.6 (%)	40.71%
Appearance (M131130)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Clear Colorless ,5 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager