

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 15:45:44
 Date of Next Testing: 2027-05-05 15:45:44
 Product Name: **Potassium L-lactate solution**
 CAS Number: 85895-78-9
 Specifications & Purity: 60% in water
 Lot #: I1509034
 SKU #: **P113770**
 Version: **0**
 Analysis #: **218523**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	58.5-61.5 (%)	60.60000 %
Heavy metals	0-0.001 (%)	0.00048 %
Color scale	0-30 (APHA)	25.90000 APHA
(As)Arsenic	0-0.0003 (%)	0.00019 %
Density (20°C)	1.32-1.35 (g/ml)	1.33000 g/ml
Specific Rotation [α] ₂₀ /D(c=Neat)	-4.8--3.8 (°)	-4.25000 °
Optical purity(ee)	96-100 (%)	98.00000 %
Acid Value	0-0.18 (%)	0.12600 %
Reducing Substances	pass	Pass



John Su
QA & QC Manager