

## Certificate of Analysis

Date of Testing: 2023-04-13 17:24:28  
Date of Next Testing: 2026-04-12 17:24:28  
Product Name: **(+)-Potassium Ds-threo-isocitrate monobasic**  
CAS Number: 20226-99-7  
Specifications & Purity: 98%  
Lot #: D2307724  
SKU #: **P465223**  
Analysis: **189124**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=2 in H <sub>2</sub> O)	19.5-21.5 (°)	19.84°
Loss on drying	0-1 (%)	0.16 %
Purity(HPLC area)	98-100 (%)	98.33 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager