Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
529813	Sodium pyruvate	T7C12I04

Chemical name			
sodium 2-oxopropanoate			
Synonyms			
FP-0019; FP-0020; RES-001; RES-100; RES-110; FP0019; FP0020; RES001; RES100;			
RES110; FP 0019; FP 0020; RES 001; RES 100; RES 110			
Chemical structure	CAS# and Theoretical analysis		
	MedKoo Cat#: 529813		
	Name: Sodium pyruvate		
O Na ⁺	CAS#: 113-24-6 (Sodium)		
0	Lot#: T7C12I04		
	Chemical Formula: C ₃ H ₃ NaO ₃		
	Exact Mass: 109.998		
	Molecular Weight: 110.04		

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical.
	This product is stable for a few weeks during ordinary shipping
	and time spent in customs.
Storage condition	Short term storage (weeks): $0-4$ °C under dry condition
	Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE

Label: