



TECHNICAL DATA SHEET

POTASSIUM ACETATE FOR MOLECULAR BIOLOGY

Article No.	314690500	Molecular Formula	CH ₃ COOK
H.S. Code	2915.2900	Molecular Weight	98.14
CAS No.	127-08-2		

Physical Properties

Physical state at 20 °C	Solid
Colour	White crystalline powder
Odour	Odorless
pH value	7 - 9 at 98.2 g/l at 25 °C
Melting point [°C]	303 - 307 °C
Density [g/cm ³]	1.57
Solubility in water [% weight]	98.2 g/l at 20 °C - completely soluble

Specifications

Assay (T) % Min 99
DNases/RNases/Proteases Not detectable
Solubility (at 20 °C) 2530 g/L
pH (5%; H₂O at 20 °C) 7.5 - 8.5
Chloride (Cl) % Max 0.005
Nitrate (NO₃) % Max 0.005
Sulfate (SO₄) % Max 0.001
Arsenic (As) % Max 0.0001
Calcium (Ca) % Max 0.001
Copper (Cu) % Max 0.0001
Iron (Fe) % Max 0.0005
Sodium (Na) % Max 0.5
Lead (Pb) % Max 0.0001
Zinc (Zn) % Max 0.005

Safety Information and Hazard Symbols

Hazardous Statement	H319-H315-H319
Precaution Statement	P264-P271-P280-P302+P352-P304+P340-P305+P351+P338-P403+P233-P501

