

# Technical Data Sheet

Anhydrous Lithium Acetate: LITHIUM ACETATE
Formula: CH <sub>3</sub> COOLi
Formula weight: 65.99
CAS NO.: 546-89-4
Physical-chemical properties: Colorless crystal, deliquescent, soluble in water and alcohol, sealed in moisture proof container(s).
Applications: Separation of saturated and unsaturated fatty acids, used in the pharmaceutical industry for the preparation of diuretics, raw materials for lithium-ion batteries.
Quality Standard: Q/TJTE 20-2007

Name		Anhydrous Lithium Acetate	
CH <sub>3</sub> COOLi Content (Min%)		99.0	99.9
Impurity Content (Max%)	Sodium ( Na )	0.05	0.02
	Potassium ( K )		
	Calcium ( Ca )	0.03	0.01
	Magnesium ( Mg )	0.01	0.005
	Iron ( Fe )	0.002	0.001
	Barium ( Ba )	0.005	---
	Heavy metals (in Pb)	0.01	0.001
	Chlorine ( Cl )	0.005	0.001
	Sulfate ( SO <sub>4</sub> )	0.01	0.005
	Free acid (based on H <sub>2</sub> SO <sub>4</sub> )	0.2	---
Water insolubles	0.01	0.005	
Packing: By woven bag lined with plastic bag, 25kg/bag. By paper drum lined with plastic bags, 30kg/drum.			