

Technical Data Sheet

Lithium Acetate Dihydrate: LITHIUM ACETATE, DIHYDRATE
Formula: $\text{CH}_3\text{COOLi} \cdot 2\text{H}_2\text{O}$
Formula weight: 102.02
CAS NO.: 6108-17-4
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

Component		Lithium Acetate Dihydrate	
CH ₃ COOLi·2H ₂ O Content (Min%)		99.0	99.9
Impurity Content (Max%)	Sodium (Na)	0.01	0.005
	Potassium (K)		
	Calcium (Ca)	0.01	0.005
	Magnesium (Mg)	0.01	0.005
	Iron (Fe)	0.002	0.001
	Barium (Ba)	0.005	0.002
	Heavy metals (in Pb)	0.003	0.003
	Chlorine (Cl)	0.005	0.002
	Sulfate (SO ₄)	0.01	0.005
	Free acid (based on H ₂ SO ₄)	0.2	0.1
	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.			