

## Technical Data Sheet

LITHIUM PHOSPHATE (Fluorescent Grade)
Formula: $\text{Li}_3\text{PO}_4$
Formula weight: 115.84
CAS No.: 10377-52-3
Physical-chemical properties: White crystalline powder, hardly soluble in water; soluble in dilute acid, melting point 837°C (1538.6°F), solubility 0.8Kg/l, density 2.54g/cm <sup>3</sup> .
Application: Catalysts / lubricants and color phosphors.
Quality Standard: Q/TJTE 6-2007

Name		LITHIUM PHOSPHATE (Fluorescent Grade)	
Li <sub>3</sub> PO <sub>4</sub> Content (Min%)		99.0	99.9
Impurity Content (Max%)	( Ca )	0.0035	0.002
	( Mg )	/	0.001
	( Fe )	0.001	0.0005
	( Cu )	0.0001	0.0001
	( Pb )	0.0001	0.0001
	( Ni )	0.0001	0.0001
	( Cl )	0.05	0.08
Packing: By woven bag with vacuum sealed plastic bag, 25kg/bag. By paper drum with vacuum sealed plastic bags, 30kg/drum.			