

## Specification: LITHIUM NIOBATE MULTIPLE CRYSTAL

### 1. Designation

Commercial Name: Lithium Niobate Multiple Crystal  
Chemical Name:  $\text{LiNbO}_3$   
CAS Number: 12031-63-9  
HS Number: 28419000.90  
EC Number: 234-755-4

### 2. Physical Properties

Form: In crystalline with white color

### 3. Purity

Purity level:  $\text{Nb}_2\text{O}_5$ : 90.0~91.0  
 $\text{Li}_2\text{O}$ : 9.0~10.0

Impurity Contained (ppm max)	
Ti	1
Mn	1
Fe	5
Cr	3
Ni	3
Al	7
Si	25
Cu	1
W	5
As	3
Pb	1
Mo	3
Curie Temp.	$142 \pm 2^\circ\text{C}$

### 4. Packing

Packed in iron drums of 25kgs~50kgs net each with inner sealed double plastic bags of 25KGS net each.

