



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : di-LITHIUM TETRABORATE AR**

**CAS No : 12007-60-2**  
**Mol. Formula :  $\text{Li}_2\text{B}_4\text{O}_7$**   
**Mol. WT : 169.12**  
**Date of analysis : 09/08/21**

**Product code : 23860**  
**Batch No : MCR-23942**  
**Mfd. : Aug. 2021**  
**Exp. : July 2026**

S.R	Test	Specification	Observation
1	Description	White small granular powder or crystalline powder.	White small granular powder.
2	Assay(acidimetric)	98 % w/w min	98.18 %w/w
3	Chloride (Cl)	0.005 % max	<0.005 %
4	Sulphate (SO <sub>4</sub> )	0.005% max	< 0.005%
5	Phosphate(PO <sub>4</sub> )	0.002% max	< 0.002%
6	Heavy metals (as Pb)	0.005 % max	< 0.005 %
7	Iron (Fe)	0.001% max	< 0.001%
8	Magnesium(Mg)	0.001% max	< 0.001 %
9	Calcium(Ca)	0.005 % max	< 0.005 %
10	Sodium (Na)	0.005 % max	< 0.005 %
11	Potassium(K)	0.005 % max	< 0.005 %

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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