

CERTIFICATE OF ANALYSIS

PRODUCT NAME : LITHIUM METABORATE ANHYDROUS AR

CAS No : 13453-69-5	Product code : 23850
Mol. Formula : LiBO ₂	Batch No : MCRT-15234-01
Mol. WT : 49.75	Mfd. : May 2024
Date of analysis : 25/05/24	Exp. : April 2029

S.R	Test	Specification	Observation
1	Description	White powder.	White powder.
2	Assay(acidimetric)	99.0 % w/w min	99.10%w/w
3	Chloride (Cl)	0.005 % max	<0.005 %
4	Phosphate (PO₄)	0.005 % max	<0.005 %
5	Silicate (SiO₂)	0.01% max	<0.01%
6	Sulphate (SO₄)	0.005% max	<0.005%
7	Aluminium (Al)	0.002% max	<0.002%
8	Calcium (Ca)	0.005% max	<0.005%
9	Chromium (Cr)	0.002% max	<0.002%
10	Copper (Cu)	0.001% max	<0.001%
11	Iron (Fe)	0.005% max	<0.005%
12	Lead (Pb)	0.005% max	<0.005%
13	Magnesium (Mg)	0.002% max	<0.002%
14	Manganese (Mn)	0.001% max	<0.001%
15	Potassium (K)	0.01% max	<0.01%
16	Sodium (Na)	0.01% max	<0.01%
17	Titanium (Ti)	0.01% max	<0.01%
18	Loss at 400°C	1.0% max	0.9%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Durvas)**



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

Note: Computer generated image requires no sign

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