

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM SORBATE**

<b>CAS No</b>	: 24634-61-5	<b>Product code</b>	: 17480
<b>Mol. Formula</b>	: C <sub>6</sub> H <sub>7</sub> KO <sub>2</sub>	<b>Batch No</b>	: MCR-33422
<b>Mol. WT</b>	: 150.22	<b>Mfd.</b>	: March 2025
<b>Date of analysis</b>	: 10/03/25	<b>Exp.</b>	: Feb. 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White to Off white noodle/ small cylindrical shaped crystals.	Off white cylindrical shaped crystal.
2	<b>Assay</b>	99.0 - 102.0 % w/w	99.31% w/w
3	<b>Chloride (Cl)</b>	0.01%max	< 0.01%
4	<b>Sulphate (SO<sub>4</sub>)</b>	0.02% max	< 0.02%
5	<b>Loss on drying (105<sup>0</sup>c)</b>	1.0% max	0.48%
6	<b>Heavy metals (as Pb)</b>	0.001%max	< 0.001%
7	<b>Arsenic (As)</b>	0.0002%max	< 0.0002%
8	<b>Water insoluble matter</b>	0.01% max	0.006%

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

**[Tested By]**



**CHEMIST  
(Shrutti)**



**[QC Incharge]**



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.