



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PICRIC ACID AR**

<b>CAS No</b>	<b>: 88-89-1</b>	<b>Product code</b>	<b>: 24748</b>
<b>Mol. Formula</b>	<b>: C<sub>6</sub>H<sub>3</sub>N<sub>3</sub>O<sub>7</sub></b>	<b>Batch No</b>	<b>: MCRT-25228-01</b>
<b>Mol. WT</b>	<b>: 229.11</b>	<b>Mfd.</b>	<b>: Sept. 2023</b>
<b>Date of analysis</b>	<b>: 14/09/23</b>	<b>Exp.</b>	<b>: Aug. 2028</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	Pale yellow crystals or crystalline powder.	Pale yellow crystalline powder.
2	<b>Assay(acidimetric)</b>	99.8% w/w min	99.96% w/w
3	<b>Melting point</b>	120-122°C	120.4°C
4	<b>Water insoluble matter</b>	0.01% max	0.007%
5	<b>Chloride (Cl)</b>	0.0005% max	< 0.0005%
6	<b>Sulphate &amp; Sulphonate (SO<sub>4</sub>)</b>	0.025% max	< 0.025%
7	<b>Sulphated ash</b>	0.05% max	0.03%
8	<b>Organic impurities</b>	passes test	passes test

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Ruchi)**

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

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

**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.

•ISO 9001:2015•ISO 14001: 2015•BS OHSAS 18001: 2007•WHO-GMP Certified•NSIC Registered•MSME Registered•CAA Registered