

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PICRIC ACID AR**

<b>CAS No</b>	: 88-89-1	<b>Product code</b>	: 24748
<b>Mol. Formula</b>	: C <sub>6</sub> H <sub>3</sub> N <sub>3</sub> O <sub>7</sub>	<b>Batch No</b>	: MCRT-30077
<b>Mol. WT</b>	: 229.11	<b>Mfd.</b>	: Jan. 2024
<b>Date of analysis</b>	: 01/01/24	<b>Exp.</b>	: Dec. 2028

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	99.97% w/w
3	<b>Melting point</b>	120 - 122°C	122.0°C
4	<b>Water insoluble matter</b>	0.01% max	0.006%
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  
(Ketaki)**

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

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