

# Certificate of Analysis

## Citric acid monohydrate

99.5-100.5% (based on anhydrous substance), grit

<b>Product Number</b>	PSR40545	<b>CAS No.</b>	5949-29-1
<b>Brand</b>	PureSynth	<b>Lot No.</b>	C40545SB0525
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub> .H <sub>2</sub> O	<b>Date of Mfg.</b>	May,2025
<b>Molecular Weight</b>	210.14 g/mol	<b>Date of Exp.</b>	April,2028

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance	White to off- white solid	White solid
Assay (By Titr.)	> 99.5 %	99.59 %
Turbidity (2g in 10 ml H <sub>2</sub> O)	Clear	Clear
Water (By KF)	7.5 - 8.8 %	Conforms
Residue on ignition	NMT 0.05 %	0.01 %
IR Spectrum	Conforms to structure	Conforms

### **Remark:**

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

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