



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SUCCINIC ACID FOR SYNTHESIS**

|                         |  |                     |                    |
|-------------------------|--|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 110-15-6</b>                                | <b>Product code</b> | <b>: 19130</b>     |
| <b>Mol. Formula</b>     | <b>: C<sub>4</sub>H<sub>6</sub>O<sub>4</sub></b> | <b>Batch No</b>     | <b>: MCR-18102</b> |
| <b>Mol. WT</b>          | <b>: 118.09</b>                                  | <b>Mfd.</b>         | <b>: Feb. 2019</b> |
| <b>Date of analysis</b> | <b>: 18/02/19</b>                                | <b>Exp.</b>         | <b>: Jan. 2024</b> |

| <b>S. R</b> | <b>Test</b>                      | <b>Specification</b>      | <b>Observation</b>        |
|-------------|----------------------------------|---------------------------|---------------------------|
| 1           | <b>Description</b>               | White crystalline powder. | White crystalline powder. |
| 2           | <b>Assay(acidimetric)</b>        | 99% w/w min               | 99.39 %w/w                |
| 3           | <b>Chloride (Cl)</b>             | 0.002% max                | < 0.002%                  |
| 4           | <b>Sulphate (SO<sub>4</sub>)</b> | 0.01% max                 | < 0.01%                   |
| 5           | <b>Potassium (K)</b>             | 0.1% max                  | < 0.1%                    |

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

**[Tested By]**

**[Q.C Incharge]**

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

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

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