

Department: Quality Control

Document No: LCPL/QSD/QAD/11

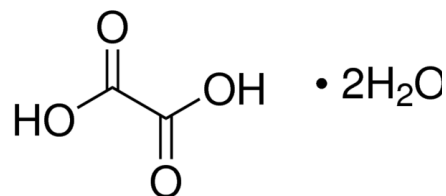
SOP No.: SOP/QC/11-O020

**SPECIFICATION : OXALIC ACID DIHYDRATE**

|              |            |             |            |          |           |
|--------------|------------|-------------|------------|----------|-----------|
| Issue date   | 23/04/2018 | Review date | 22/04/2023 | Location | All Units |
| Version No.: | 00         | Supersedes  | --         | Page No  | 1 of 1    |

**PRODUCT DETAILS**

|   |                     |   |
|---|---------------------|---|
| 1 | Molecular Formula   | $\text{HO}_2\text{CCO}_2\text{H} \cdot 2\text{H}_2\text{O}$ |
| 2 | Product code        | O020  |
| 3 | Molecular weight    | 126.07  |
| 4 | CAS No              | 6153-56-6   |
| 5 | Risk Statement No   | 21/22-41  |
| 6 | Safety Statement No | 26-36-37-39   |
| 7 | UN No.              | UN3261  |



**PACKING DETAILS**

|   |              |           |
|---|--------------|-----------|
|   | Product code | Pack size |
| 1 | O020         | 500g      |

**PRODUCT SPECIFICATION**

| SL. No. | TEST PARAMETERS             | LIMITS                                      |
|---------|-----------------------------|---|
| 1       | Description                 | Colourless crystals free from efflorescence |
| 2       | Assay                       | Not less than 99.8%                         |
| 3       | Insoluble matter            | Not more than 0.01%                         |
| 4       | Chloride (Cl)               | Not more than 0.0005%                       |
| 5       | Sulphated ash               | Not more than 0.01%                         |
| 6       | Heavy metals (as Pb)        | Not more than 0.0005%                       |
| 7       | Iron (Fe)                   | Not more than 0.0002%                       |
| 8       | Sulphate (SO <sub>4</sub> ) | Not more than 0.005%                        |

**SAFETY SYMBOLS**



Corrosive