

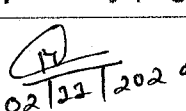
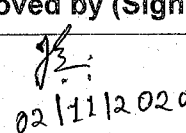
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|---|------------------------------------|--------------------------------------|
| SPECIFICATION FOR FINISHED PRODUCT | Spec No.: SPE-ROS-FP-001-00 | Effective Date : 02/11/2020 |
| | Supersedes : NA | Review Date : 01/11/2022 |
| | Material code : ROS-001 | Reference / Market : In-House |
| Product Name : Rosmarinic Acid | | Page No.: 1 of 1 |

| Sr. No | Test | Specification |
|--------|--------------------------------------|--|
| 1.0 | Appearance | White to faint beige powder |
| 2.0 | Solubility/ Turbidity, 1mg/ml, Water | Clear colourless |
| 3.0 | Identification | |
| | By H1 NMR | Confirm the structure by Protons |
| | By Mass | Confirm to molecular mass $m/z \pm 1$ (m/z of Rosmarinic Acid eq. to 360.31 g/mol) |
| 4.0 | Water content by KF (%w/w) | Not more than 3.0% |
| 5.0 | Purity by HPLC (% Area) | Not less than 97.0% |
| 6.0 | Residue on Ignition (%w/w) | Not more than 0.1% |
| 7.0 | Residual Solvents By GC-MS | |
| | Alcohol | Note more than 5000 ppm |
| | Ethyl Acetate | Note more than 5000 ppm |

Remark :

❖ **History of revision :**

| Revision No | Effective Date | Details |
|-------------|----------------|----------------|
| 00 | 02/21/2020 | Original issue |

| Prepared by (Sign & Date) | Reviewed by (Sign & Date) | Approved by (Sign & Date) |
|---|---------------------------|---|
|  02/21/2020 | N. D. Patel 02/11/2020 |  02/11/2020 |