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## Certificate of Analysis

|                                 |  |
|---------------------------------|--|
| <b>Product</b>                  | <b>61492 - Aluminium Oxide Activated (Basic) (Alumina)<br/>ExiPlus, Multi-Compendial - [1344-28-1]</b> |
| <b>Batch No</b>                 | <b>7420756</b>   |
| <b>Analysis Date</b>            | 08-Jun-2022  |
| <b>Date of Manufacture</b>      | June 2022  |
| <b>Expiry Date/Re-Test Date</b> | June 2027  |
| <b>Molecular Formula</b>        | Al <sub>2</sub> O <sub>3</sub>   |
| <b>Molecular Weight</b>         | 101.96   |

| Test Parameters                         | Standards                            | Actual Results |
|---|--------------------------------------|----------------|
| ExiPlus                                 | Meets compendial specs of BP, Ph.Eur | Passes         |
| Appearance (Colour)                     | Almost white                         | Almost white   |
| Appearance (Form)                       | Fine powder                          | Fine powder    |
| pH (10% aq. suspension)                 | 9.5 - 10.5                           | 9.6            |
| Chloride (Cl)                           | max. 0.01%                           | Passes         |
| Sulphate (SO <sub>4</sub> )             | max. 0.01%                           | Passes         |
| Iron (Fe)                               | max. 0.01%                           | Passes         |
| Heavy Metals (Pb)                       | max. 0.01%                           | Passes         |
| Activity Grade (Brockmann)              | 1                                    | 1              |
| Water Soluble Matter                    | max. 0.2%                            | 0.1%           |
| Adsorption capacity<br>(o-nitroaniline) | min. 1mg/g                           | Passes         |
| Particle size (60 -325 Mesh<br>BSS)     | min. 90%                             | 98.5%          |

FRM/82/11/4/61492 Rev No. 1 Date 11/13/2017

Prepared by Nilesh

In compliance with the standard specifications of SRL

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