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## Certificate of Analysis

|                                 |   |
|---------------------------------|---|
| <b>Product</b>                  | <b>26892 - Phenylhydrazine Hydrochloride extrapure AR, ExiPlus, Multi-Compendial, 99% - [59-88-1]</b> |
| <b>Batch No</b>                 | <b>5517668</b>  |
| <b>Analysis Date</b>            | 27-Feb-2024   |
| <b>Date of Manufacture</b>      | February 2024   |
| <b>Expiry Date/Re-Test Date</b> | February 2029   |
| <b>Molecular Formula</b>        | C6H8N2.HCl  |
| <b>Molecular Weight</b>         | 144.60  |

| Test Parameters                        | Standards                                 | Actual Results     |
|--|---|--------------------|
| ExiPlus                                | meets compendial specs of USP, BP, Ph.Eur | Passes             |
| Appearance (Colour)                    | White to off - white                      | Off white          |
| Appearance (Form)                      | Crystalline powder                        | Crystalline powder |
| Solubility (Turbidity) 2% aq. solution | Clear                                     | Clear              |
| Assay (T)                              | min. 99%                                  | 99.6%              |
| Melting Point                          | 243 - 246°C                               | 244.5°C            |
| Sulphated Ash                          | max. 0.05%                                | 0.01%              |
| Sulphate (SO4)                         | max. 0.01%                                | Passes             |
| Iron (Fe)                              | max. 0.001%                               | Passes             |
| Heavy Metals (Pb)                      | max. 0.001%                               | Passes             |

FRM/82/11/4/26892 Rev No. 3 Date 16/10/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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