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## Certificate of Analysis

**Product** 74785 - Phenolphthalein extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [77-09-8]  
**Batch No** 2197042  
**Analysis Date** 19-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 2029  
**Molecular Formula** C20H14O4  
**Molecular Weight** 318.33

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
Appearance (Colour)	White to pale yellow	Pale yellow
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 2% solution in Methanol	Clear	Clear
Assay (Iodometric)	min. 99%	99.8%
Melting Point	258 - 263°C	262.7°C
Loss on drying	max. 1%	0.1%
Sulphated Ash	max. 0.1%	0.04%
Heavy Metals (Pb)	max. 0.001%	Passes
Suitability as indicator	Passes test	Passes
Visual transition interval	From pH 8.0 (colourless) to pH 10 (red)	Passes

FRM/82/11/4/74785 Rev No. 4 Date 21/02/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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