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## Certificate of Analysis

<b>Product</b>	<b>81076 - Quinic Acid extrapure, 98% - [77-95-2]</b>
<b>Batch No</b>	<b>5209450</b>
<b>Analysis Date</b>	28-Nov-2023
<b>Date of Manufacture</b>	November 2023
<b>Expiry Date/Re-Test Date</b>	November 2028
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight</b>	192.17

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 2% solution in Methanol	Clear	Clear
Assay (T)	min. 98%	99.4%
Specific rotation [ $\alpha$ ]	-42.0° to -45.0°, @20°C (C=10 water)	-44.1°
Melting Point	164 - 170°C	167.3°C
Sulphated Ash	max. 0.1%	0.04%
Heavy Metals (Pb)	max. 0.001%	Passes

FRM/82/11/4/81076 Rev No. 2 Date 21/03/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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