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## Certificate of Analysis

<b>Product</b>	<b>87578 - Sodium Succinate Hexahydrate Dibasic extrapure AR, 99% - [6106-21-4]</b>
<b>Batch No</b>	<b>6804814</b>
<b>Analysis Date</b>	13-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> Na <sub>2</sub> .6H <sub>2</sub> O
<b>Molecular Weight</b>	270.15

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (NT)	min.99%	99.6%
pH (5% aq. solution)	8.0 - 9.5	8.8
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Alkalinity	max. 0.15ml N%	0.1ml N%
Calcium (Ca)	max. 0.003%	Passes
Copper (Cu)	max. 0.0002%	Passes
Potassium (K)	max. 0.005%	Passes
Water (KF)	~40%	40.8%

FRM/82/11/4/87578 Rev No. 3 Date 04/05/2023

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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