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## Certificate of Analysis

<b>Product</b>	<b>55745 - Amaranth (Acid Red 27) (C.I. 16185), 85-95% - [915-67-3]</b>
<b>Batch No</b>	<b>9821798</b>
<b>Analysis Date</b>	18-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>11</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>10</sub> S <sub>3</sub>
<b>Molecular Weight</b>	604.46

Test Parameters	Standards	Actual Results
Appearance (Colour)	Reddish brown to dark brown	Dark brown
Appearance (Form)	Powder or Crystal	Powder
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@520 - 522nm	min.360	375
Dye content	85 - 95% (on dry basis)	86.04%
Loss on drying	max 10%	3.2%

FRM/82/11/4/55745 Rev No. 2 Date 10/07/2023

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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