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## Certificate of Analysis

<b>Product</b>	<b>60289 - Indole-3-Butyric Acid (IBA) for tissue culture, 98% - [133-32-4]</b>
<b>Batch No</b>	<b>7026847</b>
<b>Analysis Date</b>	27-Mar-2024
<b>Date of Manufacture</b>	March 2024
<b>Expiry Date/Re-Test Date</b>	March 2029
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>13</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	203.24

Test Parameters	Standards	Actual Results
Appearance (Colour)	Off white to light pinkish	Light pinkish
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Assay (NaOH titration)	min. 98%	99.3%
Melting Point	123 - 125°C	125°C
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/60289 Rev No. 1 Date 07/26/2018

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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