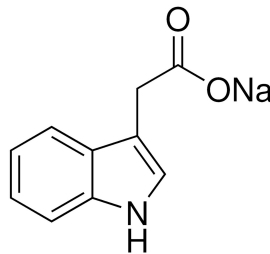


Certificate of Analysis

Product Name : Indole-3-acetic acid sodium salt BioReagent, suitable for plant cell culture, ≥98%
Product Number : I5148-10G
Batch Number : 0000099364
 Source Batch : 0000082835
 CAS Number : 6505-45-9
 Storage Temperature : Cooler/Refrigerated
 Molecular Formula : C₁₀H₈NNaO₂
 Formula Weight : 197.17
 Quality Release Date : 16 Mar 2020



| Test | Specification | Result |
|-------------------------|---------------------------|-----------|
| Appearance (Color) | White to Off White | White |
| Appearance (Form) | Powder | Powder |
| Solubility (Color) | Colorless to Faint Yellow | Colorless |
| Solubility (Turbidity) | Clear | Clear |
| 50 mg/mL in water | | |
| Water (by Karl Fischer) | ≤ 8.0 % | 6.1 % |
| Carbon Content | 57.8 - 64.2 % | 60.8 % |
| (anhydrous) | | |
| Sodium Content | 8.8 - 14.5 % | 10.9 % |
| (anhydrous) | | |
| 1H NMR Spectrum | Conforms to Structure | Conforms |
| Purity (TLC) | ≥ 98 % | > 98 % |
| Plant Cell Culture Test | Pass | Pass |

Champaka. G

Champaka Gurudevuru, Manager

Analytical

Bangalore

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Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1046999

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