

# Indole-3-acetic acid research grade

Pack Sizes            Certificates of Analysis (Lot.-no. - release date)

## Related Products

(IAA, Heteroauxins, Auxins, Indoleacetic acid)

$C_{10}H_9NO_2$  •  $M_r$  175.2 • CAS [87-51-4]

Indole-3-acetic acid (IAA), a natural phytohormone (plant auxin) is a highly effective plant growth regulator, formed by a variety of fungi, including yeast. 3-Indoleacetic acid induces plant cell elongation and division causing uncontrolled growth. The auxin is a signaling molecule involved in plant organogenesis and growth control. IAA is a supplement in media such as Murashige and Skoog media and Gamborg's B5 media.

Assay (titr.)	97.0 - 103.0 %
MP	165 - 169 °C

## **References:**

1. Graffeo, A. et al. (1976) Clin. Chem. **22**, 184-7

EINECS: 201-748-2 • HS: 29339980

Storage Temperature: +2 °C to +8 °C