

Technical Information

α -Naphthalene Acetic Acid (NAA) Plant Culture Tested

Product Code: PCT1809

Product Information

| | |
|-------------------|--|
| Product Code | : PCT1809 |
| Product Name | : α -Naphthalene Acetic Acid (NAA), Plant Culture Tested |
| Molecular Formula | : $C_{12}H_{10}O_2$ |
| Molecular Weight | : 186.21 |
| CAS No. | : 86-87-3 |

Technical Specification

| | |
|---------------------------|---|
| Appearance | : White to off white / cream to light yellow or beige powder. |
| Solubility | : Soluble in 1N potassium hydroxide. |
| Cultural response | : Cultures conditions - Incubation period (5wks), Relative humidity (60 \pm 2%), Temperature (25 \pm 2°C), Photoperiod Day: Night in hours (16:8) |
| Shoot culture | : No structural deformity observed, actively growing shoots, no toxicity to shoots |
| Callus culture | : No necrotic tissues, actively growing callus, no toxicity to callus |
| Melting range | : 126 - 135°C |
| Assay (GC/NaOH Titration) | : 95.00 – 105.00% |

GHS Safety Information

| | |
|----------------------------|----------------------------|
| Hazard Statement(s) | : H302-H315-H318-H335 |
| Precautionary Statement(s) | : P261-P280-P305+P351+P338 |
| Signal Word | : Danger |
| Hazard Pictogram(s) | |



Risk And Safety Information

| | |
|-------------------------|--------------------|
| R-Phrase(s) | : 22-37/38-41 |
| S-Phrase(s) | : 22-26-36 |
| WGK | : 3 |
| RTECS | : QJ0875000 |
| Storage Temperature(°C) | : Store below 30°C |

Transport Information

| | |
|------------------|-----------------------|
| Marine Pollutant | : No |
| ADR/RID | : Not Dangerous Goods |
| IMDG | : Not Dangerous Goods |
| IATA | : Not Dangerous Goods |



Plant Culture
Tested



Product Specification

cdhfinechemical.com

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replace date 06-June-2025