

# Phthalic Acid

benzene-1,2-dicarboxylic acid | CAS 88-99-3

## Product identification

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Product name      | Phthalic Acid                                    |
| Chemical name     | benzene-1,2-dicarboxylic acid                    |
| CAS number        | 88-99-3                                          |
| PubChem CID       | 1017                                             |
| Molecular formula | C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>     |
| Molecular weight  | 166.13 g/mol                                     |
| InChIKey          | XNGIFLGASWRNHJ-UHFFFAOYSA-N                      |
| Material type     | Chemical reference material / technical compound |

## Material description

Phthalic Acid is a aromatic dicarboxylic acid supplied by Rexar as a chemical reference material / technical compound.

## Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

## Reference characteristics

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Structural class      | Aromatic dicarboxylic acid                                                                                     |
| Typical physical form | Solid / powder                                                                                                 |
| Storage guidance      | Keep tightly closed, dry and protected from light unless lot-specific supplier documentation states otherwise. |

## Analytical use and traceability

Lot-specific purity, water content, residual solvents and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis; they are not inferred by this datasheet.

## Safety note

Use the applicable supplier SDS for the supplied grade. Public regulatory/supplier records should control any CLP classification; avoid inferring grade-specific hazard statements from identity alone.

## Identity verification note

Identity data were rechecked for this revision. Where a field could not be established reliably from the reviewed sources, it has deliberately not been invented and should be reconciled against lot-specific supplier documentation.

## Document control

|          |                                    |
|----------|------------------------------------|
| Document | Rexar Technical Compound Datasheet |
| Revision | 10 September 2026                  |

|        |                                                      |
|--------|------------------------------------------------------|
| Status | Reference information; not a certificate of analysis |
|--------|------------------------------------------------------|

## Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation.