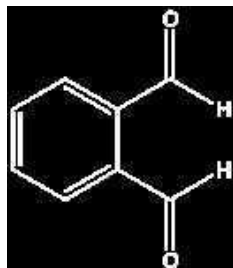


PHTHALDIALDEHYDE

AL0580 Phthalaldehyde, for aminoacid analysis



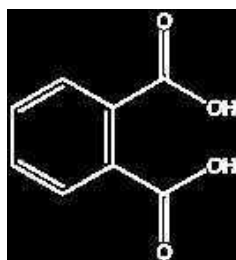
- Synonyms: OPA
- $C_8H_6O_2$
- $M = 134,14$ g/mol
- CAS [643-79-8]
- EINECS-No.: 211-402-2
- Solub. in water: (25 °C): soluble
- Melting point: 53 - 55 °C
- Flash pt. > 110 °C
- ADR: 6.1 TC2 II UN 2928
- IMDG: 6.1 II UN 2928
- IATA/ICAO: 6.1 II UN 2928
- GHS-signal word: Danger
- GHS-H sentences: H301 - H314 - H400 - H317
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2912 29 00 90
- Applications: analytical chemistry, fluorescent indicator.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
AL05800005	5 g	0

ortho-PHTHALIC ACID

AC1140 ortho-Phthalic acid, ExpertQ®, for analysis



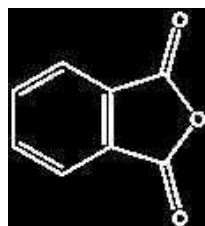
- Synonyms: Phthalic acid, Orthophthalic acid, 1,2-Benzenedicarboxylic acid
- $C_8H_6O_4$
- $M = 166,13$ g/mol
- CAS [88-99-3]
- EINECS-No.: 201-873-2
- Solub. in water: (20 °C): 5,74 g/l
- Melting point: 206 - 208 °C
- Flash pt. 168 °C
- LD 50 (oral, rat): 7900 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2917 39 80 80
- Applications: analytical chemistry, laboratory reagent, solvents, perfumery.

assay (acidimetric) min. 99,5 %
 identity (IR-spectrum) passes test
 insoluble in Na_2CO_3 solution max. 0,05 %
 chlorides (Cl) max. 0,0003 %
 nitrates (NO_3) max. 0,0005 %
 sulfates (SO_4) max. 0,0005 %
 heavy metals (as Pb) max. 0,001 %
 iron (Fe) max. 0,001 %
 residue on ignition max. 0,02 %
 water (K.F.) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
AC11400250	250 g	0

PHTHALIC ANHYDRIDE

AN0230 Phthalic anhydride, EssentQ®



- Synonyms: 1,2-Benzenedicarboxylic acid anhydride
- $C_8H_4O_3$
- $M = 148,12$ g/mol
- CAS [85-44-9]
- EINECS-No.: 201-607-5
- Solub. in water: (20 °C): 6 g/l
- Melting point: 129-132 °C
- Boiling point: 285 °C
- Flash pt. 151 °C
- Ignition temp.: 580 °C
- Vapour pressure: (20 °C) < 0,01 hPa
- LD 50 (oral, rat): 1530 mg/kg
- EC-Index-No.: 607-009-00-4
- ADR: 8 C4 III UN 2214
- IMDG: 8 III UN 2214
- IATA/ICAO: 8 III UN 2214
- GHS-signal word: Danger
- GHS-H sentences: H334 - H318 - H302 - H335 - H315 - H317
- GHS-P sentences: P285 - P261 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2917 35 00 00
- Applications: synthesis of organic products, manufacturing of synthetic resins.

assay (acidimetric) min. 99 %
 identity (IR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
AN02300500	500 g	0
AN02301000	1 kg	0