

Phthalic anhydride, Hi-AR™/ACS

GRM590


Product Identifier

CAS No.	:	85-44-9
EC No.	:	201-607-5
Molecular Formula	:	C ₈ H ₄ O ₃
Molecular Weight	:	148.12
HS Code	:	2917 35 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white to almost white crystals or powder or flakes or solid
Solubility	:	10 mg soluble in 1 mL of ether
FTIR	:	Matches with the standard pattern.
Melting range	:	128 - 134°C
Residue after ignition	:	<= 0.01%
Chloride (Cl)	:	<= 0.002%
Sulfate (SO ₄)	:	<= 0.003%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Assay (Morpholine Titration by HCl)	:	99.00 - 100.20%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H302- H315- H317- H318- H334- H335
Precautionary Statement(s)	:	P261- P280- P304 + P340- P305+P351+P338- P310- P403 + P233
UN No.	:	2214
Class	:	8
Packing Group	:	III
RTECS	:	TI3150000
WGK	:	1