
Potassium hydrogen phthalate, Hi-AR™

GRM1795

Product Identifier

CAS No.	:	877-24-7
EC No.	:	212-889-4
Molecular Formula	:	C ₈ H ₅ O ₄ K
Molecular Weight	:	204.22
Synonym	:	Potassium biphthalate, Hi-AR™; Phthalic acid monopotassium salt
HS Code	:	2917 39 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (0.05M in water at 25°C)	:	3.50 - 5.00
Chloride (Cl)	:	<= 0.002%
Copper (Cu)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Lead (Pb)	:	<= 0.0005%
Sodium (Na)	:	<= 0.005%
Sulfate (SO ₄)	:	<= 0.005%
Insoluble matter	:	<= 0.005%
Assay (NaOH Titration after drying at 120°C, 2hr)	:	99.90 - 100.05%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	CZ4326000
WGK	:	1