

GRM3939 Potassium hydrogen phthalate, ACS**Product Number Packing**

GRM3939 : 500G

Product Information

Product Code : GRM3939
Product Name : Potassium hydrogen phthalate, ACS
Synonym : Potassium biphthalate
Molecular Formula : $C_8H_5O_4K$
Molecular Weight : 204.22
CAS No. : 877-24-7
EC No. : 212-889-4
HS Code : 2917 39 95
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
FTIR (KBr disc) : Matches with the standard pattern
Chlorine compounds (as Cl) : $\leq 0.003\%$
Heavy metals (as Pb) : $\leq 0.0005\%$
Insoluble matter : $\leq 0.005\%$
Iron (Fe) : $\leq 0.0005\%$
Sodium (Na) : $\leq 0.005\%$
Sulfur compounds (as S) : $\leq 0.002\%$
Loss on drying (at 110°C, 1 hr) : $\leq 0.05\%$
Assay (NaOH Titration, on dry basis) : 99.95 - 100.05%

Risk and Safety Information

WGK : 2
RTECS : CZ4326000
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