
Potassium phosphate dibasic anhydrous, Hi-AR™

GRM168

Product Identifier

CAS No.	:	7758-11-4
EC No.	:	231-834-5
Molecular Formula	:	K ₂ HPO ₄
Molecular Weight	:	174.18
Synonym	:	di-Potassium hydrogen phosphate anhydrous, Hi-AR™
HS Code	:	2835 24 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to off-white hygroscopic crystals or powder or solid
Solubility	:	1000 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	8.50 - 9.60
Chloride (Cl)	:	<= 0.003%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.001%
Total nitrogen	:	<= 0.001%
Sulfate (SO ₄)	:	<= 0.005%
Loss on drying (at 105°C, 2 hr)	:	<= 1.0%
Assay (NaOH/HCl Titration, on dry basis)	:	98.00 - 102.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	No data available
WGK	:	3