

Calcium phosphate dibasic anhydrous

GRM1109

Product Identifier

CAS No.	:	7757-93-9
EC No.	:	231-826-1
Molecular Formula	:	CaHPO ₄
Molecular Weight	:	136.06
HS Code	:	2835 25 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of dilute hydrochloric acid
Chloride (Cl)	:	<= 0.125%
Heavy metals (as Pb)	:	<= 0.004%
Arsenic (As)	:	<= 0.001%
Iron (Fe)	:	<= 0.04%
Sulfate (SO ₄)	:	<= 0.5%
Barium (Ba)	:	Passes test
Nitrate	:	Passes test
Acid insoluble matter	:	<= 0.1%
Monocalcium and Tricalcium phosphate	:	14.0 - 15.5 ml
Proteinous substances	:	Passes test
Reducing substances	:	Passes test
Loss on ignition (at 500°C)	:	6.50 - 8.50%
Assay (EDTA Titration)	:	98.0 - 105.0%

Safety Information

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