
tri-Calcium orthophosphate, Hi-LR™

GRM1277

Product Identifier

CAS No.	:	7758-87-4
EC No.	:	231-840-8
Molecular Formula	:	Ca ₃ (PO ₄) ₂
Molecular Weight	:	310.18
HS Code	:	2835 26 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder or granules
Solubility	:	33.3 mg soluble in 1 mL of dilute hydrochloric acid
Water (K.F.)	:	<= 2.50%
Carbonate (CO ₃)	:	Passes test
Chloride (Cl)	:	<= 0.10%
Heavy metals (as Pb)	:	<= 0.004%
Arsenic (As)	:	<= 0.0005%
Iron (Fe)	:	<= 0.02%
Water soluble substances	:	<= 0.5%
Sulfate (SO ₄)	:	<= 0.6%
Acid insoluble substances	:	<= 0.3%
Loss on ignition (at 800°C)	:	<= 8.00%
Assay (EDTA Titration)	:	90.00 - 100.50%

Safety Information

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