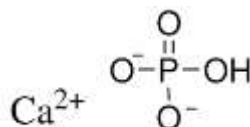


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

Calcium Hydrogen Orthophosphate Anhydrous

Calcium Phosphate dibasic



Product Code	O-5283	Grade	Extrapure
Purity	98 %	CAS No	7757-93-9
Molecular Formula	CaHPO ₄	Molecular Weight	136.06 g/mol
H.S.Code	2835.2500	Shelf Life	60 Months

Physical Properties

Physical state	Powder	Melting point	> 450 °C
Colour	White		

Packaging

500 gram

Specification

Appearance	White powder
Assay (Complexometric)	98.0 - 105 %
Solubility	Solubility in dilute HCl
Acid insoluble matter	max 0.1 %
Carbonate (as CO ₂)	to comply BP test
Chloride (Cl)	max 0.125 %
Fluoride (F)	max 0.005 %
Sulphate (SO ₄)	max 0.5 %
Heavy metals (as Pb)	max 0.004 %
Arsenic (As)	max 0.001 %
Barium (Ba)	complies
Iron (Fe)	max 0.04 %
Nitrate (NO ₃)	to comply BP test
Reducing substances	to comply BP test
Proteinous substances	to comply BP test
Monocalcium & tricalcium phosphates	to comply BP test
Loss on ignition at 500 °C	6.5 - 8.5 %

Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available