



**TECHNICAL DATA SHEET**

Product Name	Tricalcium phosphate	
Appearance	White fine powder	
Molecular formula	$\text{Ca}_3(\text{PO}_4)_2$	
Molecular weight	310.18	
CAS No.	7758-87-4	
EINECS No.	231-840-8	
Melting point	Liquifies under high pressure @ 1391 °C	
Boiling point	\	
Density	0.55-0.75g/mL	
TEST BASE	FCC VII	
Particle through 325#	≥%	99.0
Assay (as Ca)	%	34.0-40.0
Loss on ignition (30m@800 °C)	≤%	8.0
Arsenic	≤ppm	3.0
Lead	≤ppm	2.0
Fluoride	≤ppm	75.0
pH of 5% solution	5.3-6.5	
Application	Food and pharma additive	
Shelf life	24 months	
Storage	In a dry and ventilative warehouse, kept away from heat and moisture.	