



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 vetilative warehouse, kept away from heat and moisture.