



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Tricalcium Phosphate
CAS No	7758-87-4
Molecular Formular	$\text{Ca}_3(\text{PO}_4)_2$
Specification Version	USP/FCC
Shelf Life	24months
Package	25kg / bag

ITEM	SPECIFICATION
Indentification A	Positive
Indentification B	Positive
Assay (calcium)	34.0-40.0%
Arsenic	$\leq 3 \text{ ppm}$
Fluoride	$\leq 0.01\%$
Lead	$\leq 2 \text{ ppm}$
Loss on ignition	$\leq 8.00\%$
Water- soluble substances	$\leq 0.50\%$
Acid insoluble substances	$\leq 0.20\%$
Carbonate	Complies
Chloride	$\leq 0.14\%$
Sulfate	$\leq 0.80\%$
Barium	Complies
Dibasic salt & calcium oxide	Complies
Nitrate	Complies
Heavy metals	$\leq 0.003\%$
Mercury	$\leq 0.1 \text{ ppm}$
Cadmium	$\leq 1 \text{ ppm}$
P2o5(as anhydrous)	38.5%-48.0%
Assay(ignited basis)	90% min
Ph value	6.0-7.5
Loss on dry% (800℃)	≤ 10
Loss on dry% (200℃)	≤ 10
Partcle size	
On 100 mesh	0.00%
On 200 mesh	$\leq 15\%$
Bulk density	39-42

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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