



Product Specification

Product Name: tri-CALCIUM ORTHOPHOSPHATE AR

Alternate Name(s) TCP, Tertiary calcium phosphate

Description

White, crystalline powder. Odourless.

Properties

Chemical Formula: $\text{Ca}_3(\text{PO}_4)_2$

Molecular Weight: 310.18

Product Code: CA030

CAS No.: 7758-87-4

General Information:

Hazard and Safety Data

Quality Specification

Assay: 35-40% (Complexometric as Ca)

Specific Properties and Impurities [Typical levels]:

Identification	Passes test
Insoluble in HCl	0.3%
Chlorides (Cl)	0.15%
Sulfates (SO ₄)	0.6%
Arsenic (As)	0.0005%
Iron (Fe)	0.04%
Residue on ignition (800°C)	8%

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CHN0
Poison schedule:	Not scheduled
Emergency Procedure Guide No.:	None Allocated

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