



Version	00
Molecular weight	310.18
Molecular Formula	Ca <sub>3</sub> O <sub>8</sub> P <sub>2</sub>
CAS No	7758-87-4
Linear Formula	Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>
Flash Point (°C)	

## Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	21348	Quality Test / Release Date	01/19/2024
Lot Number	A0459467	Suggested retest date	01/19/2029
Description	Calcium phosphate,for analysis,35-40% (Ca), mixture of Calcium phosphates		
Country of Origin	UNITED STATES OF AMERICA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Titration Complexometric	35 to 40 % (Ca)	38 % (Ca)
Loss on ignition	=<8.0 % (800°C)	5.0 % (800°C)
Heavy metals (as Pb)	=<50 ppm	2 ppm
Insoluble matter	=<0.2 % (in HCl)	=<0.1 % (in HCl)
Carbonate (CO <sub>3</sub> )	Passes test	Passes test
Chloride (Cl)	=<0.14 %	0.02 %
Fluoride (F)	=<0.0075 %	=<0.005 %
Nitrate (NO <sub>3</sub> )	Passes test	Passes test
Sulfate (SO <sub>4</sub> )	=<0.5 %	0.001 %
Arsenic (As)	=<0.0003 %	=<0.0001 %
Barium (Ba)	Passes test	Passes test
Iron (Fe)	=<0.04 %	=<0.005 %

C. Wygaerts, QA Manager

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