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Product Specification

Product Name:
Hydroxyapatite – synthetic, 99.8% trace metals basis (excludes Mg)

Product Number:	574791	$\text{Ca}_5(\text{OH})(\text{PO}_4)_3$
CAS Number:	12167-74-7	
MDL:	MFCD00010904	
Formula:	$\text{H}\text{Ca}_5\text{O}_{13}\text{P}_3$	
Formula Weight:	502.31 g/mol	

TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder or Crystal or Chunk(s)
X-Ray Diffraction	Conforms to Structure
ICP Major Analysis	Confirmed
Confirms Ca & P Components	
Purity	Meets Requirements
99.8% Based On Trace Metals Analysis EXCLUDING MG	
Trace Metal Analysis	≤ 2500 ppm
EXCLUDING MG	

Specification: PRD.1.ZQ5.10000035178

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.