

Certificate of Analysis

Date of Testing: 2025-03-14 14:29:53

Date of Next Testing: 2029-03-13 14:29:53

Product Name: **Calcium phosphate**

CAS Number: 7758-87-4

Specifications & Purity: $\geq 98\%$, β -phase basis

Lot #: F2110059

SKU #: **C104263**

Version: **0**

Analysis #: **481034**

Parameter	Limit Values	Result
Cadmium(Cd)	0-1 (ppm)	0.90 ppm
Chromium(Cr)	0-5 (ppm)	4.17 ppm
Chloride (Cl-)	0-100 (ppm)	22.00 ppm
Zinc(Zn)	0-10 (ppm)	9.20 ppm
(Pb)Lead	0-5 (ppm)	4.17 ppm
Hydroxylapatite, α -TCP and Pyrophosphate	0-2 (%)	1.00 %
β -phase basis(X-Ray Diffraction)	98-100 (%)	99.00 %
Barium(Ba)	0-10 (ppm)	9.00 ppm
Mercury(Hg)	0-0.5 (ppm)	0.00 ppm
(As)Arsenic	0-0.5 (ppm)	0.00 ppm
Total sulfur as SO ₄ (ICP)	0-250 (ppm)	200.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Copper(Cu)	0-1 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-50 (ppm)	6.20 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager