

Certificate of Analysis

Product Name	Hydroxyapatite		
Date No	HB20230806	Manufacture Date	2023.08.06
CAS	1306-06-5	Expiry Date	2025.08.05
Purity	99% 25-45um (micron)	Marphology	White Spherical
Calcium phosphorus atomic ratio: 1.67			
Storage	Store in cool & dry place, in well-closed containers.		
Shelf life	24 Months when properly stored.		
Standard	CP2010		

ITEMS OF ANALYSIS	SPECIFICATIONS	RESULT
Appearance	White Spherical	Spherical
Assay	≥99.0%	99.50%
Sulfate	0.048%max	0.04%
Chloride	0.05 % max	0.04%
Loss on drying	1.00%	0.95%
Heavy metals	≤10ppm	9.5ppm
Ni	≤10ug/g	4.55ug/g
Cu	≤1ug/g	0.89ug/g
As	≤1ug/g	0.41ug/g
Cd	≤1ug/g	0.15ug/g
Sn	≤1ug/g	0.13ug/g
Hg	≤1ug/g	0.1ug/g
Pb	≤1ug/g	0.07ug/g
Conclusion: PASS 		