Report No. AR-25-Y3-020106-03

Analytical Report

Sample Name: Hydroxyapatite

Applicant: SHAANXI ALICE BIO-TECH CO., LTD.

Analysis Type: Consignation Testing

Eurofins Testing Inspection Certification (Chengdu) Co., Ltd

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欧陆分析检验检测认证（成都）有限公司
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Report No. AR-25-Y3-020106-03

Analytical Report

Sample Code: 960-2025-00035432

Sample Information	Sample Name	Hydroxyapatite		
	Client Sample Code	20251007	Sample Volume	215g
Client Information	Applicant	SHAANXI ALICE BIO-TECH CO., LTD.		
	Applicant Address	A 1512, Unit 1, Building 3, Block B, Shangshang City, No. 6 Jiazi, Taibai South Road, Xi'an, Shaanxi, China		
Analysis Information	Arrival Temperature (°C)	19.2	Sample Arrival Condition	Well-packed,Powder
	Sample Packaging	Sealed aluminum foil bag		
	Reception Date	24-Nov-2025		
	Analysis Date	24-Nov-2025 - 04-Dec-2025		
	Testing Items Reference Methods	See next page(s)		
	Requirement Standard	/		
Conclusion	Kindly refer to the data page for test results			
Comment	This report is translated from report AR-25-Y3-020106-02 Revision Notes: update report			
Created By	刘洋洋	Reviewed By	陈飞 朱晓玲	
Approved By	罗仁宏 (Eli Luo)			

欧陆分析检验检测认证（成都）有限公司 检验检测专用章 Inspection & Testing Services
(Inspection and Testing Seal)
Sign off date: 05-Dec-2025

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Testing Result

No.	Parameter	Method	Unit	Result	LOQ/LOD
1	Lead (Pb)	GB 5009.12-2023 First method	ppm	0.59	0.04/0.02
2	Total arsenic	GB 5009.11-2024 Chapter One,First method	ppm	0.21	0.04/0.01
3	Total Mercury	GB 5009.17-2021 First chapter first method	ppm	Not Detected(<0.003)	0.01/0.003
4	Cadmium (Cd)	GB 5009.15-2023 First method	ppm	0.33	0.004/0.002
5	Calcium (Ca)	GB 5009.92-2016 1st Method	ppm	356000	1.5/0.5
6	Particle size distribution (SEM and TEM)◎	Internal Method		see attachment	NA/NA
7	Nickel (Ni)	GB 5009.138-2024 First Method	ppm	1.02	0.05/0.02
8	Antimony (Sb)	GB 5009.137-2025 First Method	ppm	0.32	0.04/0.01

Comments

LOD means Limit of Detection
LOQ means Limit of Quantification
NA means Not Applicable
Sum compounds results are calculated from the results of each quantified compound as set by regulation
★ means the test is not in CNAS accreditation scope
☆ means cross-selling to Eurofins laboratories
◎ means subcontracted to non-Eurofins laboratories

Notes

1. The sample description and client information are provided by the Client. Eurofins is not responsible for verifying the accuracy, authenticity, relevancy, adequacy and/or completeness of the information provided by the Client.
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END OF REPORT

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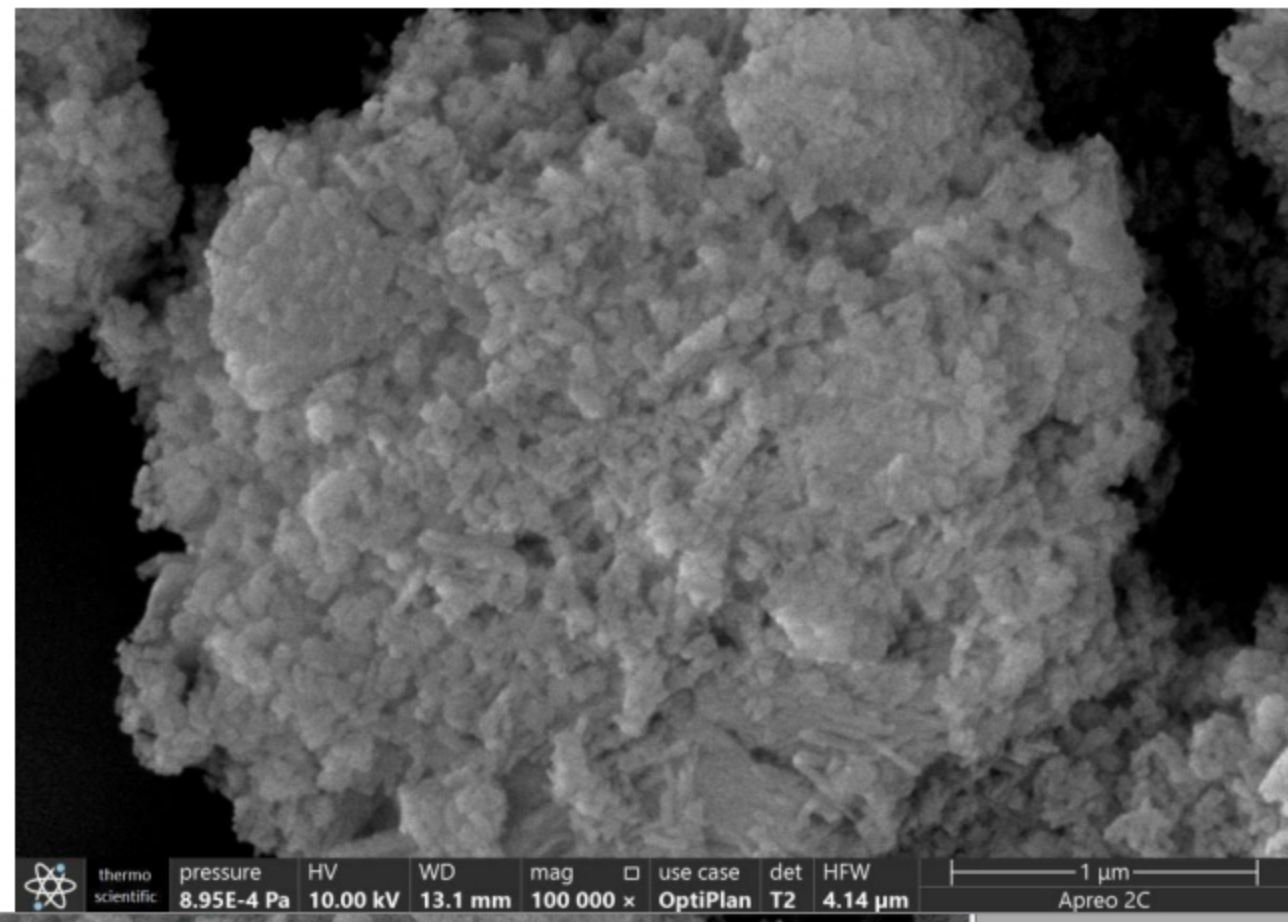
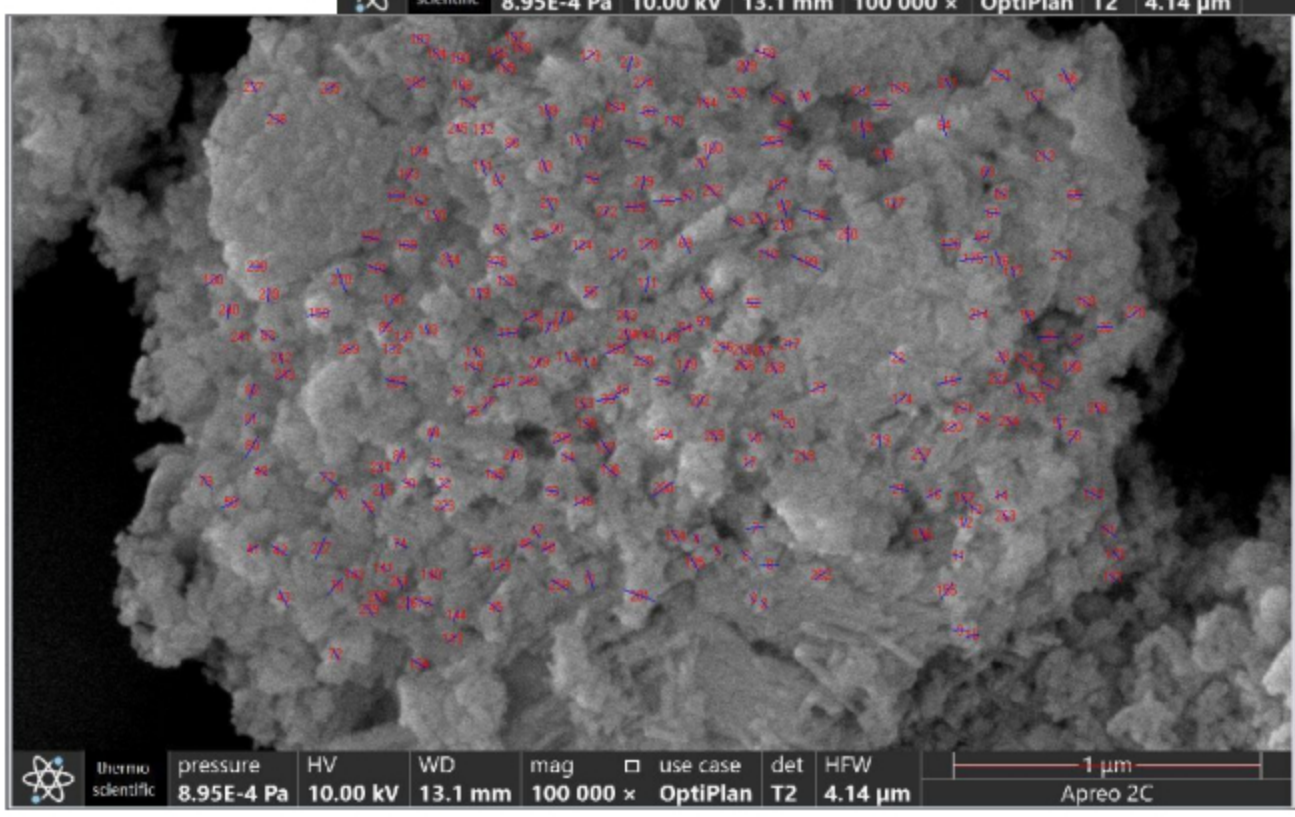
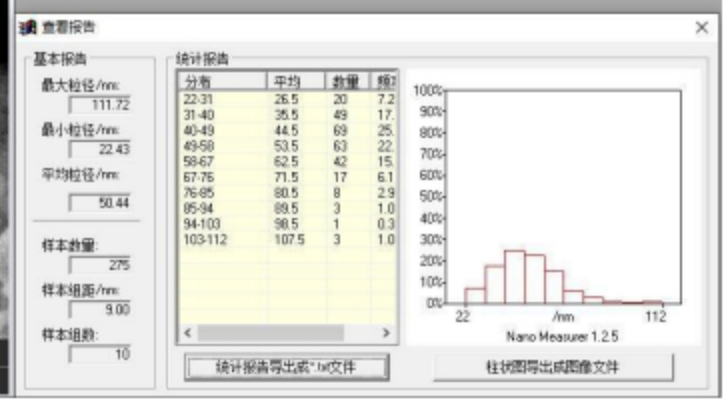
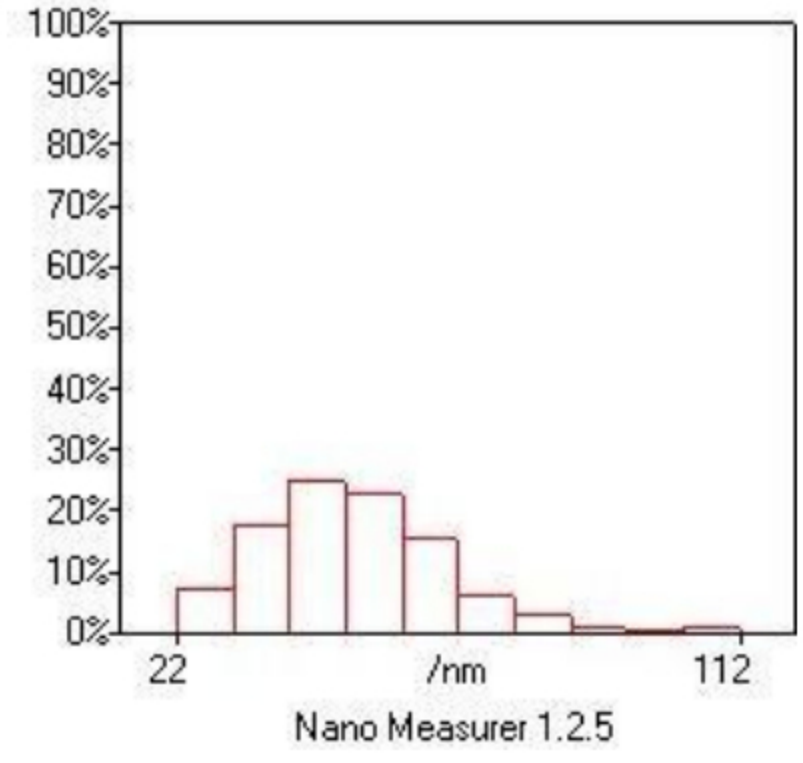
Hydroxyapatite particle size analysis(SEM)









Total	275
Max./nm	111.72
Min./nm	22.43
Mean/nm	50.44
No.	Particle size/nm
2	32.74
3	28.90
4	34.08
5	26.79
6	53.83
7	57.65
8	65.22
9	46.19
10	43.82
11	32.72
12	32.86
13	42.98
14	42.54
15	80.48
16	55.97
17	38.64
18	38.65
19	25.64
20	29.40
21	61.97
22	67.13
23	58.54
24	41.43
25	73.37
26	48.91
27	59.63
28	47.50
29	37.76
30	47.47
31	34.38
32	50.57
33	49.59
34	51.06
35	25.64
36	32.84
37	46.30
38	74.17
39	59.35

40	43.91
41	40.13
42	61.08
43	64.47
44	52.53
45	52.22
46	36.46
47	46.78
48	49.90
49	51.29
50	68.16
51	61.99
52	46.19
53	28.90
54	51.56
55	70.91
56	64.16
57	43.86
58	54.38
59	40.15
60	50.11
61	54.96
62	46.77
63	40.15
64	68.87
65	48.99
66	67.31
67	60.21
68	64.84
69	69.34
70	37.78
71	64.66
72	34.08
73	63.62
74	43.83
75	35.36
76	63.71
77	66.36
78	77.00
79	63.47
80	83.02
81	56.06
82	53.44
83	64.16

84	58.59
85	71.16
86	52.23
87	54.73
88	56.04
89	52.53
90	42.30
91	63.96
92	50.77
93	60.34
94	48.65
95	65.22
96	95.46
97	35.44
98	57.34
99	51.56
100	65.81
101	62.74
102	73.95
103	49.00
104	45.26
105	42.30
106	33.19
107	56.56
108	27.99
109	61.12
110	58.36
111	55.48
112	54.37
113	37.78
114	28.40
115	41.49
116	38.65
117	71.49
118	50.00
119	46.23
120	52.28
121	36.58
122	26.92
123	51.06
124	56.56
125	52.22
126	62.56
127	22.43

128	32.74
129	41.16
130	46.23
131	31.70
132	30.39
133	31.84
134	56.56
135	55.06
136	63.47
137	61.11
138	56.02
139	41.49
140	31.70
141	29.40
142	42.47
143	40.78
144	40.15
145	55.04
146	57.14
147	25.07
148	49.00
149	49.92
150	79.97
151	53.44
152	33.65
153	31.00
154	50.58
155	67.98
156	46.48
157	37.78
158	73.18
159	65.51
160	63.26
161	62.14
162	32.74
163	47.57
164	36.99
165	42.98
166	81.50
167	46.78
168	42.98
169	62.74
170	56.04
171	36.58

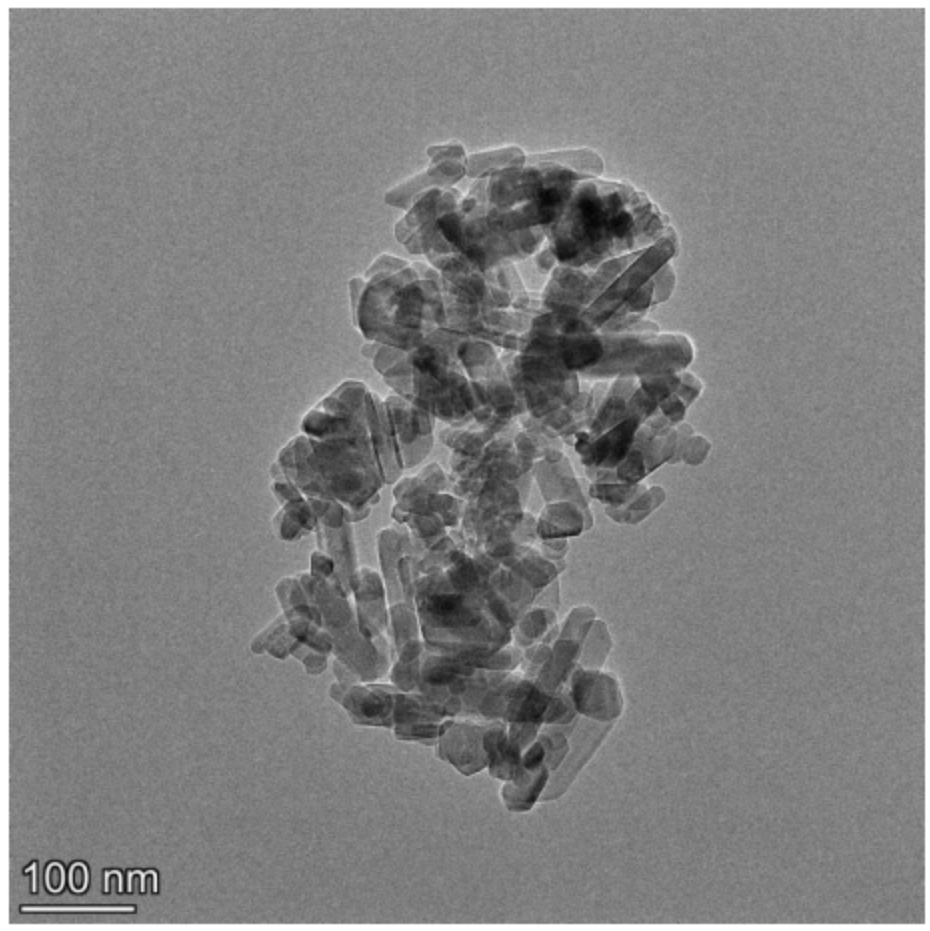
172	40.79
173	60.77
174	53.96
175	90.33
176	58.59
177	36.29
178	48.10
179	44.59
180	45.02
181	59.35
182	58.09
183	48.99
184	39.20
185	56.07
186	46.77
187	36.99
188	26.92
189	57.13
190	50.14
191	57.07
192	58.09
193	70.55
194	46.30
195	43.61
196	111.72
197	50.57
198	59.63
199	108.21
200	88.21
201	106.58
202	45.26
203	36.29
204	39.60
205	80.30
206	60.77
207	74.62
208	46.78
209	43.01
210	42.98
211	39.22
212	50.13
213	41.49
214	53.39
215	36.58

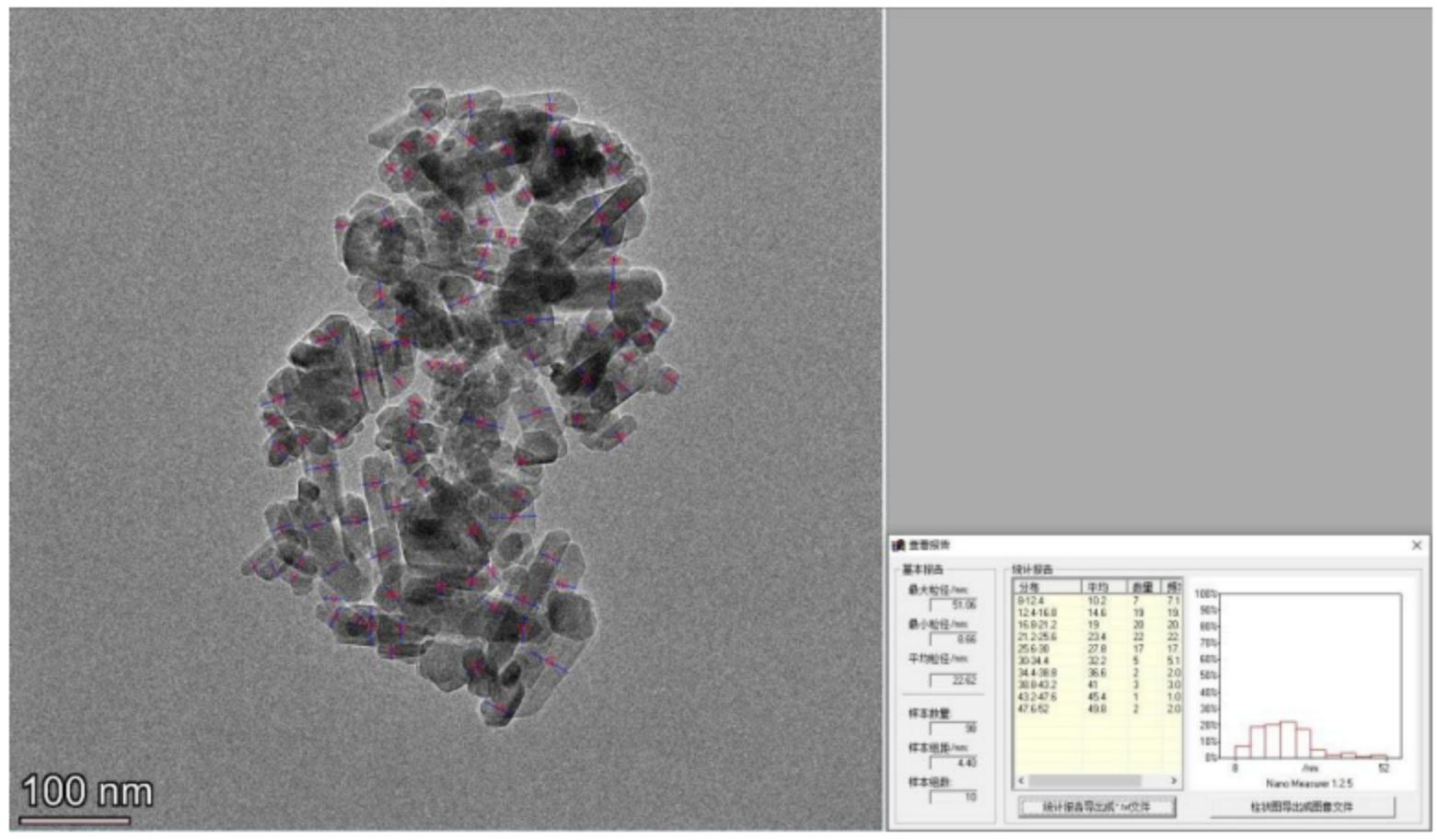
216	31.81
217	30.98
218	36.58
219	43.61
220	41.49
221	30.38
222	30.76
223	36.97
224	29.29
225	55.01
226	46.24
227	80.36
228	48.62
229	46.96
230	45.60
231	72.38
232	59.63
233	53.97
234	53.39
235	40.13
236	61.08
237	42.57
238	43.48
239	46.32
240	51.76
241	26.77
242	37.00
243	54.37
244	55.07
245	38.65
246	46.48
247	55.43
248	46.44
249	47.57
250	54.41
251	48.65
252	57.81
253	77.29
254	40.42
255	44.26
256	34.40
257	58.39
258	67.13
259	39.22

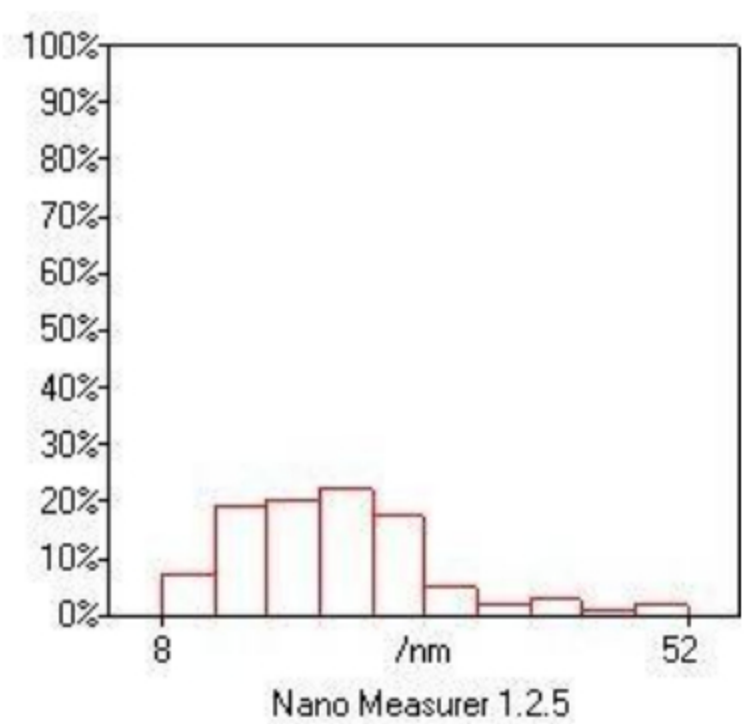
260	30.41
261	37.88
262	42.98
263	42.57
264	39.57
265	35.36
266	38.45
267	32.86
268	38.94
269	37.76
270	86.91
271	43.85
272	40.42
273	53.44
274	50.13
275	52.27
276	49.00

==========Statistical report==========

Hydroxyapatite particle size analysis（TEM）







Total	98
Max./nm	51.06
Min./nm	8.66
Mean/nm	22.62
No.	Particle size/nm
1	18.31
2	14.09
3	21.66
4	22.41
5	11.81
6	14.02
7	26.93
8	22.05
9	22.96
10	36.22
11	18.58
12	14.98
13	24.41
14	28.88
15	41.61
16	28.27
17	22.96
18	35.26
19	27.56
20	21.42
21	26.28
22	31.20
23	26.46
24	16.74
25	18.13
26	29.40
27	23.62
28	12.45
29	20.71
30	17.82
31	18.78
32	22.40
33	28.23
34	24.72
35	19.45
36	43.37
37	27.33
38	15.94
39	32.37

40	39.44
41	19.50
42	24.50
43	15.94
44	25.01
45	31.15
46	28.95
47	23.91
48	17.96
49	51.06
50	22.67
51	11.71
52	26.17
53	22.96
54	27.39
55	17.27
56	16.85
57	19.87
58	12.30
59	10.59
60	29.40
61	18.38
62	28.88
63	16.21
64	12.82
65	8.66
66	30.88
67	15.29
68	25.39
69	25.31
70	16.70
71	8.98
72	11.36
73	20.92
74	50.55
75	12.60
76	28.23
77	24.31
78	15.75
79	22.06
80	16.85
81	41.64
82	20.53
83	21.32

84	16.70
85	26.22
86	16.85
87	26.88
88	14.20
89	14.79
90	22.19
91	16.54
92	19.87
93	19.16
94	20.61
95	33.57
96	15.94
97	21.89
98	13.59

==========Statistical report==========