FIG. 1A

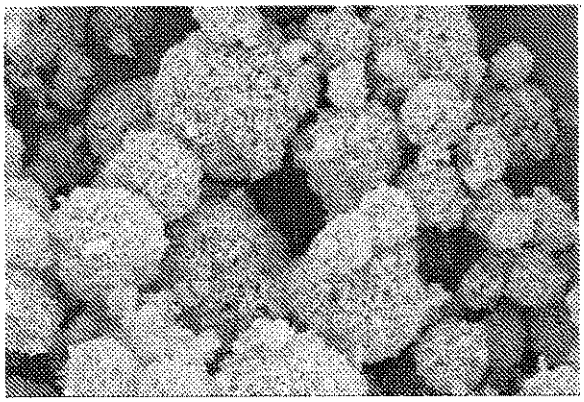


FIG. 1B

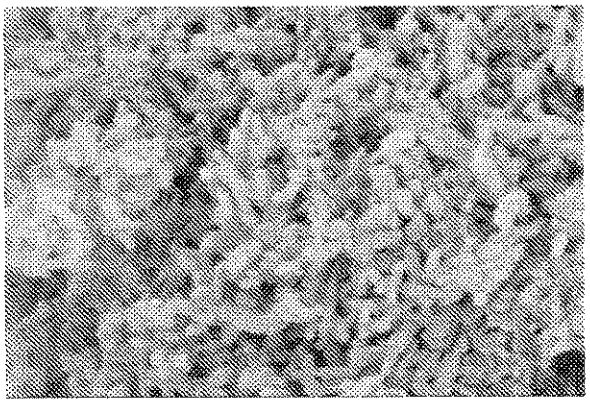


FIG. 2A

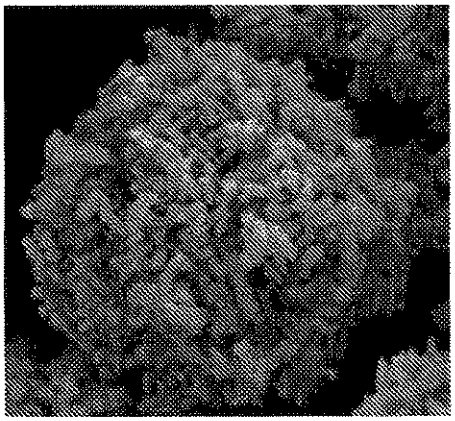


FIG. 2B

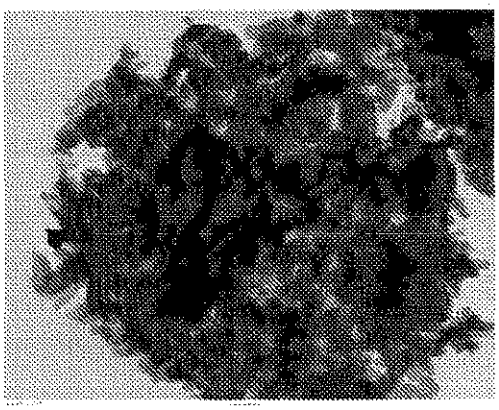


FIG. 3

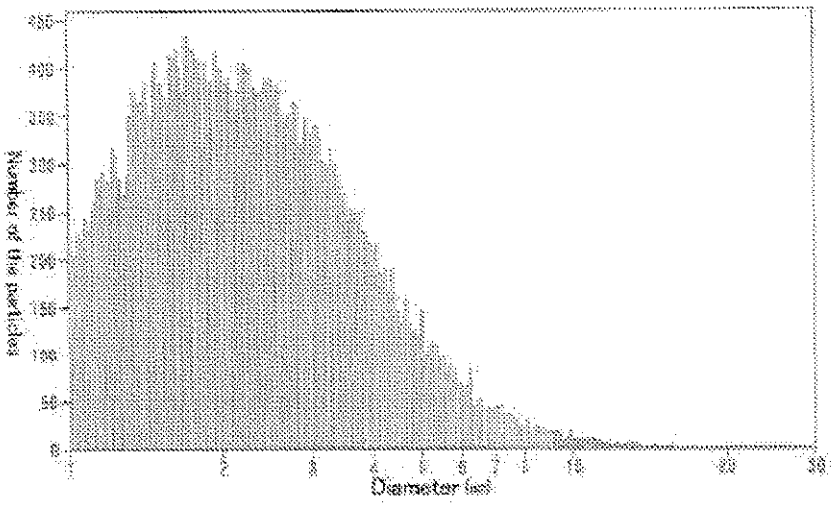


FIG. 4A

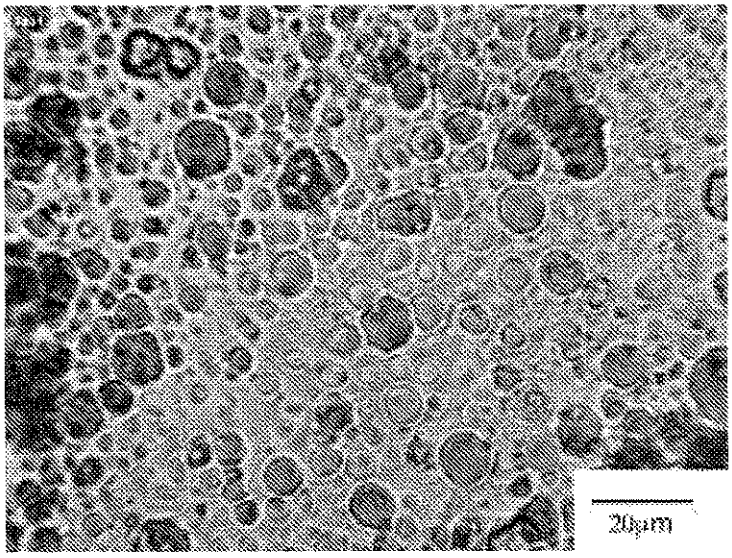


FIG. 4B

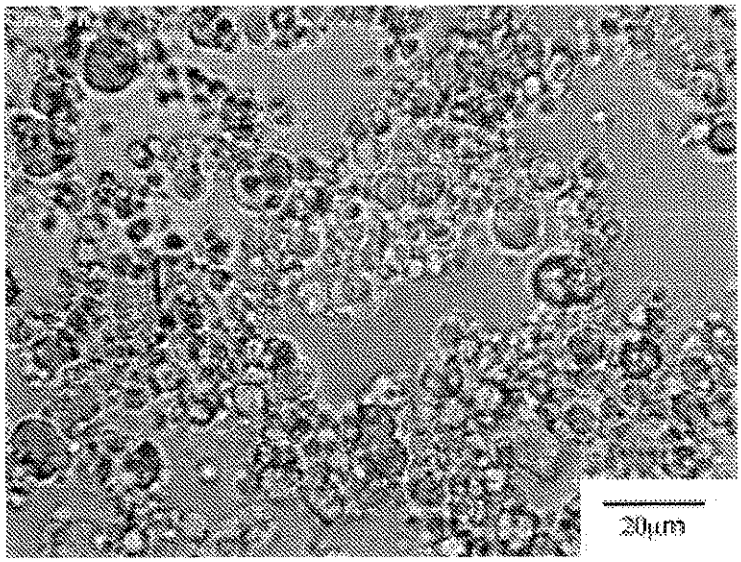


FIG. 5A

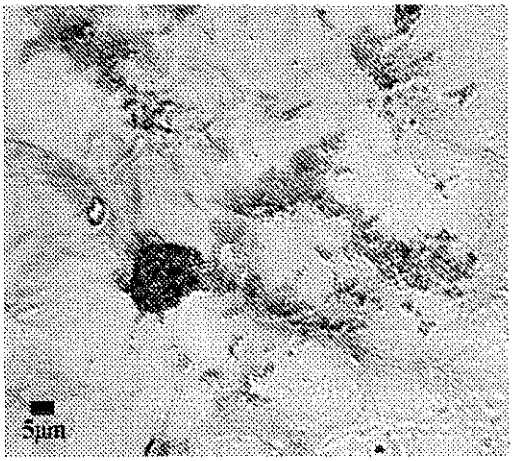


FIG. 5B

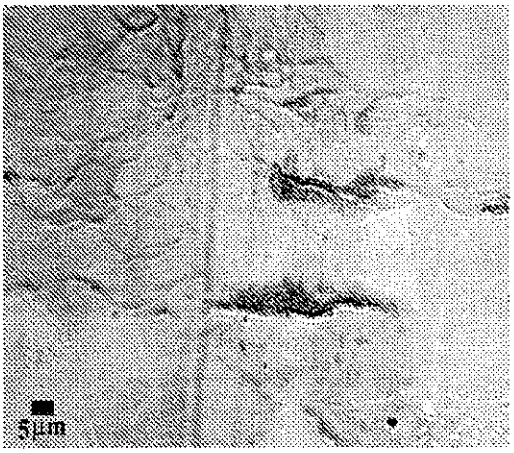
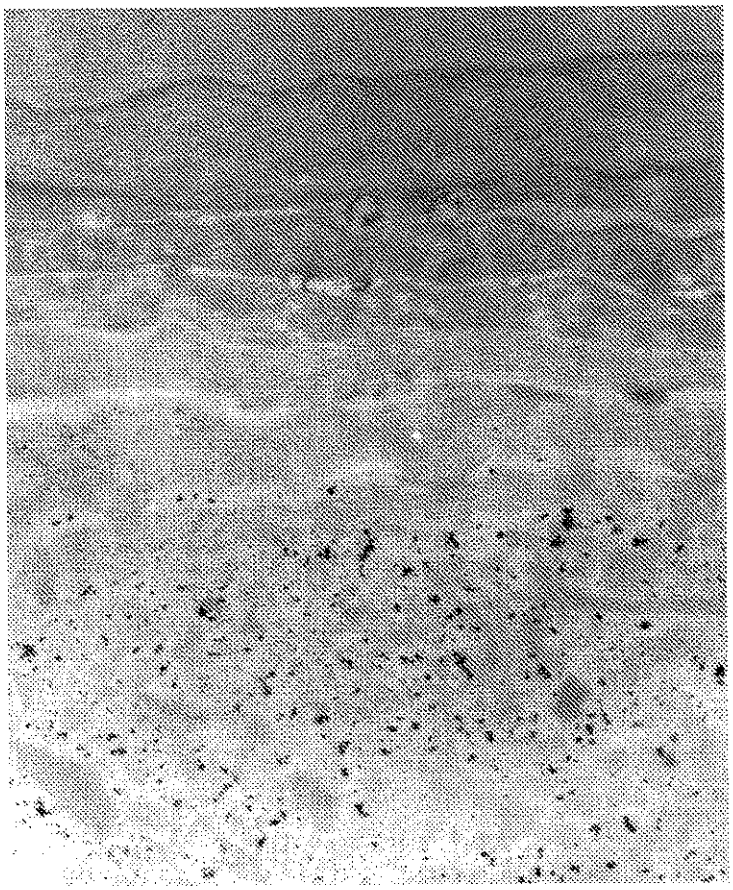


FIG. 6



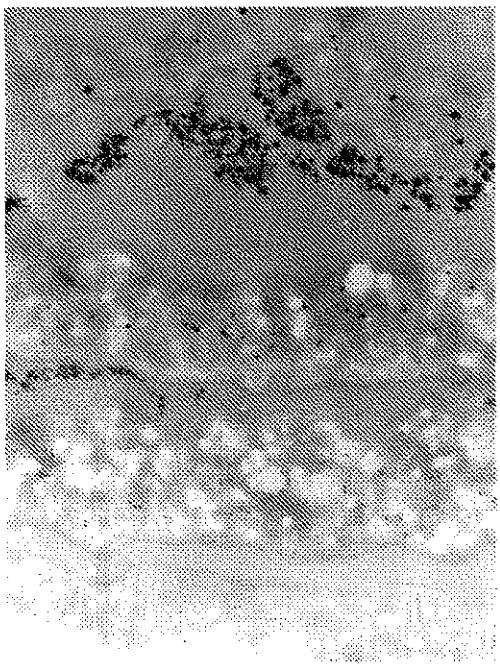


FIG. 7A

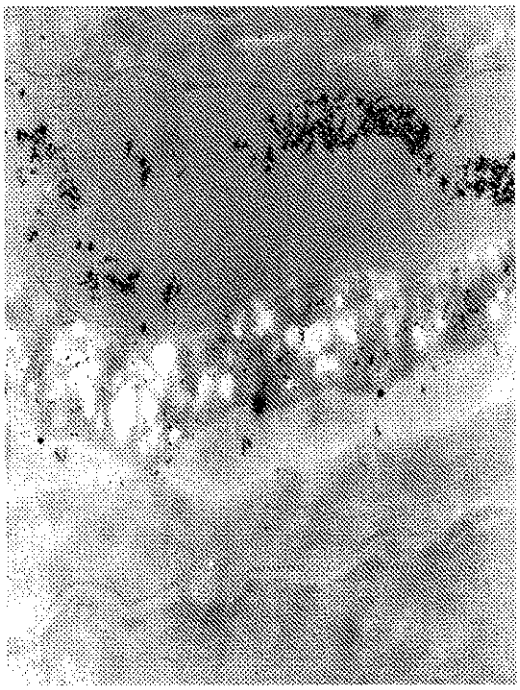


FIG. 7B

FIG. 8

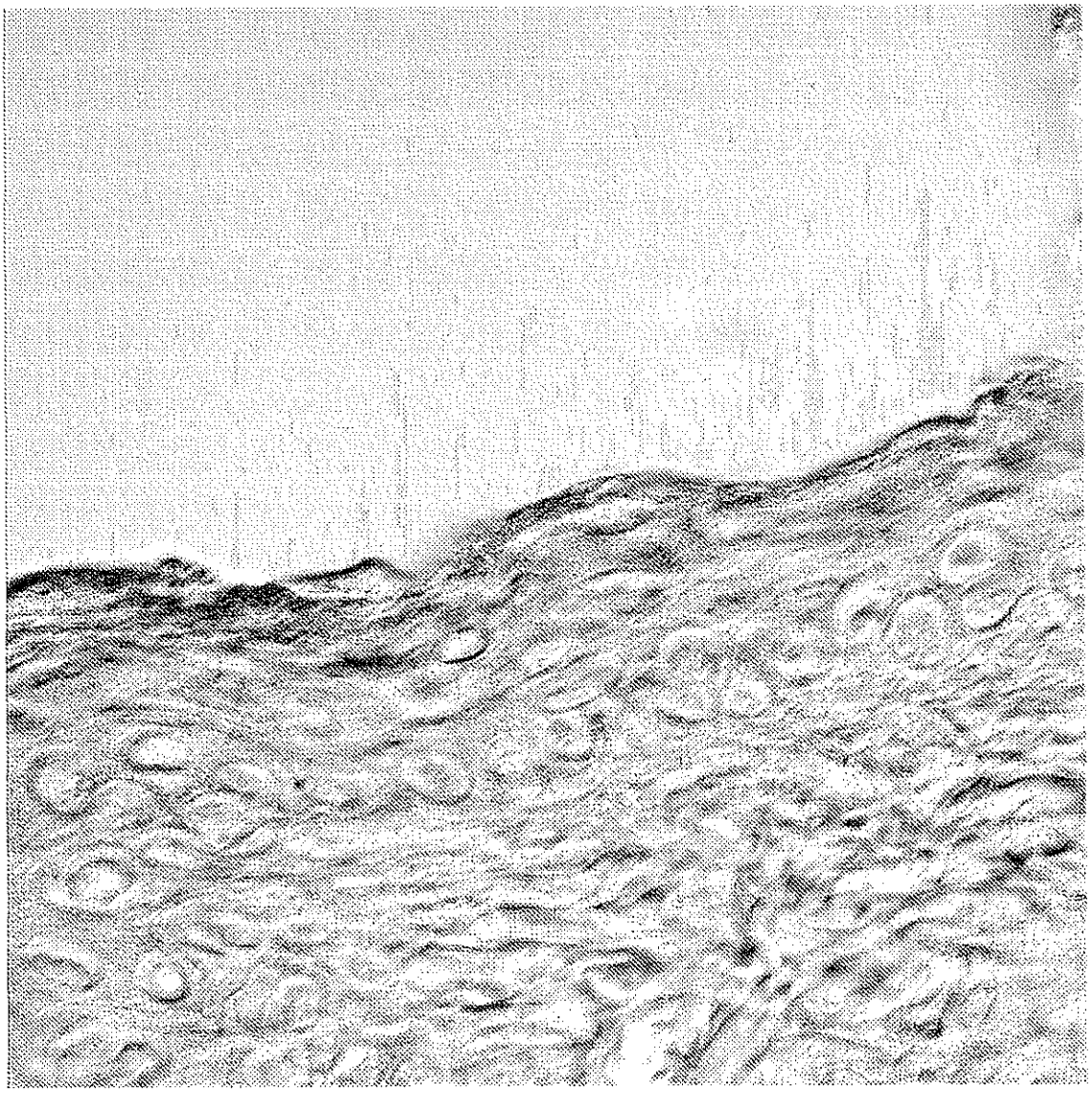


FIG. 9

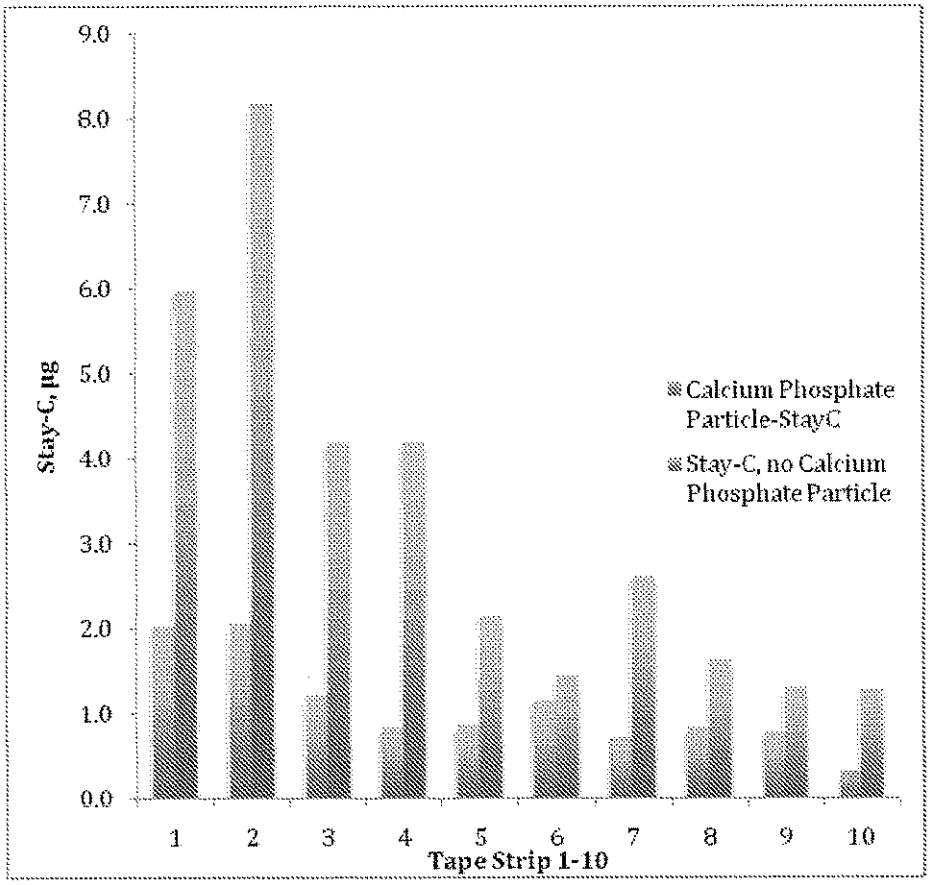
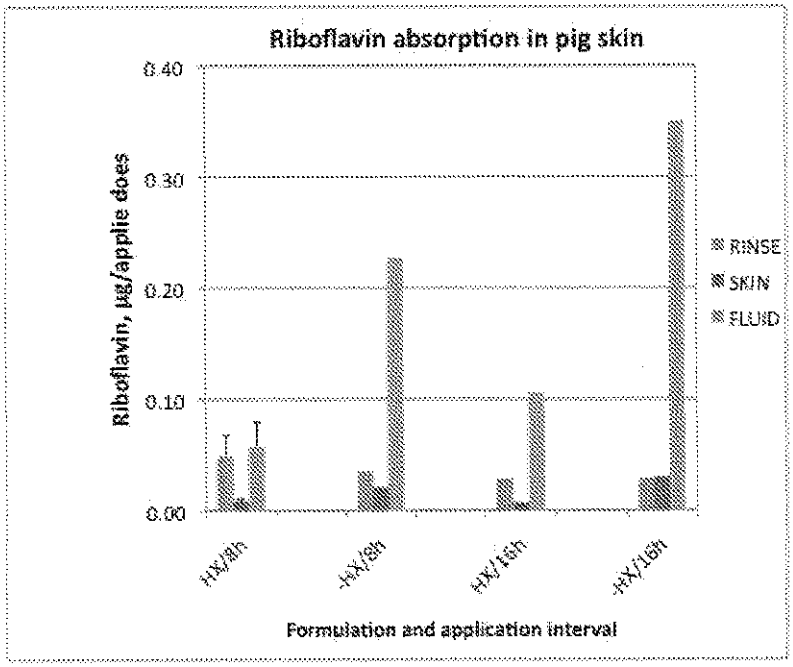

9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Stay-C, µg
1
2
3
4
5
6
7
8
9
10
Tape Strip 1-10
Calcium Phosphate Particle-StayC
Stay-C, no Calcium Phosphate Particle

FIG. 10

	Skin Delivered Lysozyme (µg)		Skin Delivered Lysozyme (%)	
Tape layer	With Hydroxysomes™	Without Hydroxysomes™	With Hydroxysomes™	Without Hydroxysomes™
1	7.210 µg	48.35 µg	0.60%	4.03%
2	0.979 µg	0.56 µg	0.08%	0.047%
3	0.284 µg	0.03 µg	0.02%	0.002%
4	0.100 µg	0.00 µg	0.01%	0.00
5	0.029 µg	0.00 µg	0.002%	0.00
6	0.024 µg	0.00 µg	0.002%	0.00

FIG. 11


Riboflavin absorption in pig skin
0.40
0.30
0.20
0.10
0.00
Riboflavin, µg/applie does
RINSE
SKIN
FLUID
+HX/8h
+HX/8h
+HX/16h
+HX/16h
Formulation and application interval