

Fingerprint Analysis of the Chesapeake IAFIS Look-alike: LATENT

Ridge Feature	Ridge Feature Type	Quantitative Weight	Clarity Grade	Reduction / Expansion Factor	Value
1	Ending/Bifurcating Ridge Unit in Funnel	10 (defaults to lower value)	A	n/a	10
2	Ending Ridge Unit in Funnel	10	A	n/a	10
3	Ending Ridge Unit in Funnel (based on path indicator)	10	A	n/a	10
4	Ending Ridge Unit in Funnel	10	A	n/a	10
5	Ending/Bifurcating Ridge Unit in Funnel	10 (defaults to lower value)	B (weak distortion)	0.75	7.5
6	Ending Ridge Unit in Funnel	10	A	n/a	10
7	Ending Ridge Unit in Funnel	10	A	n/a	10
8	Ending Ridge Unit (random)	14.25	A	n/a	14.25
9	Ending Ridge Unit in Funnel	10	A	n/a	10
10	Ending Ridge Unit in Funnel	10	A	n/a	10
11	Ending/Bifurcating Ridge Unit in Funnel	10 (defaults to lower value)	B (weak distortion)	0.75	7.5
12	Ending/Bifurcating Ridge Unit in Funnel	10 (defaults to lower value)	C (moderate distortion)	0.50	5
13	Bifurcating Ridge Unit in Funnel	18.75	B (weak distortion)	0.75	7.5
14	Ending Ridge Unit in Funnel (based on path)	10	A	n/a	10
15	Ending/Bifurcating Ridge Unit in Funnel	10 (defaults to lower value)	D (strong distortion)	0.25	2.5