

QUIPU AS67/MA29

Museum identification: No. 1 (O. Núñez del Prado, Cuzco, Peru)

Main cord: color LB:W

- \$ 6.5 cm: group of 10 pendant cords (1-10), then space of 0.5 cm.
 10.0 cm: group of 11 pendant cords (11-21), then space of 12.0 cm.
 24.5 cm: group of 39 pendant cords (22-60), then space of 2.0 cm.
 32.5 cm: group of 18 pendant cords (61-78), then space of 5.5 cm.
 42.0 cm: group of 16 pendant cords (79-94), then space of 19.0 cm.
 65.0 cm: group of 12 pendant cords (95-106), then space of 0.0 cm.
 68.0 cm: group of 8 pendant cords and top cord (107-110, T1, 111-114),
 then space of 2.0 cm.
 72.0 cm: group of 8 pendant cords and top cord (115-118, T2, 119-122),
 then space of 1.0 cm.
 75.0 cm: group of 8 pendant cords and top cord (123-126, T3, 127-130),
 then space of 2.5 cm.
 79.5 cm: group of 10 pendant cords (131-140), then space of 69.0 cm.
 151.0 cm: end ç

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	--	48.0ç	W	0	
2	5s(8.0); 6L(16.0)	46.0ç	W	56	2:0.0-0.5
2s1	2L(16.5)	47.5ç	*	2	
2s2	1E(17.0)	39.0ç	*	1	
3	7L(16.0)	45.5ç	DB:W	7	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
4	--	52.0¢	DB:W	0	
5	1s(7.0); 5L(15.5)	38.5¢	W	15	
6	7L(16.0)	40.0¢	W	7	
7	1s(7.0)	47.0¢	W	10	
8	3L(16.0)	47.0¢	W	3	
9	1E(16.0)	44.0¢	W	1	1:0.5
9s1	--	50.0¢	W	0	
10	--	51.0¢	W	0	
11	2L(14.5)	42.5¢	DB	2	
12	4s(8.0); 7L(15.0)	29.5¢	DB	47	
13	5L(14.0)	39.0¢	DB:W	5	
14	1E(14.5)	42.5	DB:W	1	
15	1E(15.5)	42.5¢	DB	1	
16	5L(14.5)	38.5¢	DB	5	
17	4L(15.5)	39.0¢	DB	4	
18	2L(15.0)	43.0¢	DB	2	
19	1E(15.0)	40.5¢	DB	1	
20	6L(15.5)	37.5¢	DB	6	1:1.0
20s1	--	43.0¢	DB	0	
21	--	42.0¢	DB	0	
22	--	46.0¢	LB	0	
23	--	51.0¢	YB	0	
24	--	50.0¢	YB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
25	--	53.0¢	YB	0	
26	--	52.0¢	YB	0	
27	--	51.0¢	YB	0	
28	--	51.0¢	YB	0	
29	--	51.0¢	YB	0	
30	--	53.0¢	YB	0	
31	--	51.5¢	YB	0	
32	--	51.5¢	YB	0	
33	--	52.5¢	YB	0	
34	--	51.0¢	YB	0	
35	--	53.0¢	YB	0	
36	--	52.0¢	YB	0	
37	--	48.0¢	YB	0	
38	--	49.0¢	YB	0	
39	--	46.0¢	YB	0	
40	--	48.0¢	YB	0	
41	--	48.0¢	YB	0	
42	--	47.5¢	YB	0	
43	--	46.5¢	YB	0	
44	--	49.0¢	YB	0	
45	--	49.0¢	YB	0	
46	--	48.0¢	YB	0	
47	--	50.0¢	YB	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
48	--	49.0¢	YB	0	
49	--	49.0¢	YB	0	
50	--	47.5¢	YB	0	
51	--	48.5¢	YB	0	
52	--	63.0¢	W	0	
53	--	58.0¢	W	0	
54	--	48.0¢	W	0	
55	--	49.0¢	W	0	
56	--	47.5¢	W	0	
57	--	48.5¢	W	0	
58	--	45.0¢	W	0	
59	--	50.0¢	W	0	
60	--	43.5¢	W	0	
61	--	49.0¢	LB:W	0	
62	--	50.0¢	LB:W	0	
63	--	44.5¢	LB:W	0	
64	--	51.0¢	LB:W	0	
65	--	49.0¢	LB:W	0	
66	--	51.0¢	LB:W	0	
67	--	50.0¢	LB:W	0	
68	--	50.0¢	LB:W	0	
69	--	50.0¢	LB:W	0	
70	--	48.0¢	LB:W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
71	--	45.0¢	LB:W	0	
72	--	46.0¢	LB:W	0	
73	--	45.5¢	W	0	
74	--	46.0¢	W	0	
75	--	45.0¢	W	0	
76	--	49.0¢	W	0	
77	--	47.0¢	W	0	
78	--	51.0¢	LB	0	
79	--	46.0¢	W	0	
80	--	45.5¢	W	0	
81	--	46.0¢	W	0	
82	--	46.0¢	W	0	
83	--	46.0¢	W	0	
84	--	46.0¢	W	0	
85	--	44.0¢	LB:W	0	
86	--	51.0¢	LB:W	0	
87	--	53.0¢	LB:W	0	
88	--	54.0¢	LB:W	0	
89	--	50.0¢	LB:W	0	
90	--	50.0¢	LB:W	0	
91	--	53.0¢	LB:W	0	
92	--	50.0¢	LB:W	0	
93	--	54.0¢	LB:W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
94	--	54.0¢	LB:W	0	
95	--	53.0¢	YB	0	
96	--	54.5¢	YB	0	
97	--	55.0¢	YB	0	
98	--	54.0¢	YB	0	
99	--	54.0¢	YB	0	
100	--	54.0¢	YB	0	
101	--	53.5¢	YB	0	
102	--	53.0¢	YB	0	
103	--	53.0¢	YB	0	
104	--	54.0¢	YB	0	
105	--	52.0¢	YB	0	
106	--	53.0¢	YB	0	
107	5s(15.5); 4L(23.5)	36.5¢	LB:W	54	
108	2s(15.0); 8L(23.0)	35.5¢	LB:W	28	
109	8s(16.0); 6L(22.5)	36.5¢	LB:W	86	
110	2s(14.0); 8L(21.5)	34.5¢	LB:W	28	
T1	2s(5.5); 5s(13.0); 4L(20.5)	33.5¢	DB	254	1:5.5
T1s1	4s(8.0)	18.5¢	W	40	
111	5s(16.0); 4L(24.5)	42.0¢	LB:W	54	
112	1s(15.0); 4L(23.5)	48.5¢	LB:W	14	
113	1s(15.0); 3L(24.0)	49.0¢	LB:W	13	
114	1s(15.0); 7L(23.5)	42.0¢	LB:W	17	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
115	9s(11.0); 7L(18.5); 1E(21.5)	23.5¢	W	97+1	
116	2s(12.5); 6L(20.5); 1E(25.0)	31.5¢	W	26+1	
117	2s(12.5); 5L(20.5)	36.0¢	W	25	
118	1s(13.0); 2L(21.0); 1E(27.0)	40.5¢	W	12+1	1:1.0
118s1	--	39.0¢	W	0	
T2	1s(7.0); 6s(17.0); 9L(25.5)	30.5¢	DB	169	1:6.0
T2s1	6s(11.0); 3L(20.0)	34.0¢	W	63	
119	9L(20.0); 1E(25.0)	28.0¢	W	9+1	1:1.0
119s1	--	38.5¢	W	0	
120	3s(13.5); 1E(26.0)	39.0¢	W	30+1	1:1.0
120s1	--	39.0¢	W	0	
121	1s(13.5); 3L(20.0); 1E(27.0)	36.0¢	W	13+1	1:1.0
121s1	--	39.5¢	W	0	
122	1s(13.5); 5L(21.5)	37.0¢	W	15	1:1.0
122s1	--	39.0¢	W	0	
123	8s(14.0); 1E(21.0)	35.0¢	W	81	1:1.0
123s1	--	38.0¢	W	0	
124	4s(14.0); 6L(22.0)	35.0¢	W	46	1:1.0
124s1	--	37.0¢	W	0	
125	2s(14.0); 8L(22.0)	33.0¢	W	28	1:1.0
125s1	--	38.0¢	W	0	
126	3L(22.0)	41.0¢	W	3	1:1.0
126s1	--	46.0¢	W	0	

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
T3	2s(5.5); 4s(16.0); 4L(23.0)	36.0¢	DB	244	1:16.0
T3s1	6L(7.0)	16.0¢	W	6	
127	3s(13.0); 1E(21.0)	43.0¢	W	31	1:1.0
127s1	--	46.0¢	W	0	
128	8L(22.0)	40.5¢	W	8	1:1.0
128s1	--	46.0¢	W	0	
129	1s(13.5); 9L(23.0)	48.0¢	W	19	1:1.0
129s1	--	46.0¢	W	0	
130	3s(13.5); 4L(22.5)	48.5¢	W	34	1:1.0
130s1	--	47.0¢	W	0	
131	--	40.0¢	LB	0	
132	--	41.5¢	LB	0	
133	--	40.0¢	LB	0	
134	--	40.0¢	LB	0	
135	--	39.0¢	LB	0	
136	--	40.0¢	LB	0	
137	--	40.5¢	LB	0	
138	--	39.5¢	LB	0	
139	--	42.0¢	LB	0	
140	--	40.0¢	LB	0	

Observations

- *1. Construction note: These cords are W with DB twisted around for a short distance. P2s2 has DB twisted around it between 22.0 and 26.0. P2s1 has DB twisted around it between 18.0 and 20.5.
2. This quipu is associated with AS59-AS67. See discussion under AS59.
3. The quipu has 10 groups of 10,11,39,18,16,12,8,8,8,10 pendants set off by spacing.
4. Groups 1 and 2 are similar to each other in color pattern: (1W, 2DB:W, 7W) and (1DB, 2DB:W, 8DB). Also both groups have the maximum pendant value in position 2, value 0 in the last position, and subsidiaries of value 0 in the next to last position.
5. Groups 3,4,5,6,10 have only blank pendants.
6. Within groups 6,7,8,9,10, the pendants are unified by color. They are YB, LB:W, W (with W subsidiaries), W (with W subsidiaries), and LB respectively.
7. Groups 7,8,9 each have 8 pendant cords and a top cord.
- (i) Each top cord has one subsidiary. The colors of the top cords are the same as each other but not the same as the pendant cords.
- (ii) Groups 8 and 9 have subsidiaries which are all blank.
- (iii) On some pendants in group 8, figure eight knots follow long knots in the units position. They are considered to add to the value of the units position.
- (iv) For each group, the value of the top cord plus its subsidiary equals the sum of the values of the pendants and subsidiaries of the group (with an error of 1 in group 8). There is no association of the values on the top cord subsidiaries to the pendant subsidiaries, the extra figure eight knots, or any subset of pendants.