

(1) Number of pages 62(2) Date of repair 22.8.38(3) Initials of the Referencer 4**MADRAS RECORD OFFICE.****Government of Madras.***Revenue* **DEPARTMENT.**

G.O. No.	623	Press <u>Mis.</u>
Dated	10-5-	1884.

Not to be folded or roughly handled*24/10/38*

GOVERNMENT OF MADRAS.
REVENUE DEPARTMENT.

READ—the following despatch from the Right Honorable the EARL OF KIMBERLEY, Her Majesty's Secretary of State for India, to His Excellency the Right Honorable the Governor in Council of Fort St. George, dated India Office, London, 27th March 1884 (Revenue), No. 15:—

I have to acquaint your Excellency with the result of the sale of 306 bales of Cinchona Bark received by the *Ducca* and referred to in your Secretary's letter, No. 67, of the 12th December last.

2. From the sale account forwarded herewith, it will be seen that the bark realised a gross sum of £1,677-11-4, and that the net proceeds, after deducting the cost of freight, brokerage and other charges, were £1,492-19-9.

Gross proceeds of sale	£.	s.	d.	£.	s.	d.
	1,677	11	4			
Deduct—						
Entry	0	2	6			
Freight	127	2	11			
Wharf charges	27	19	2			
Printing and advertising	12	10	0			
Stamps	0	1	6			
Brokerage	16	15	6			
				184	11	7
Net proceeds of sale	£	1,492	19	9		

3. This result falls short of the estimate of your Government which placed the value of the bark at £3,060, and seems to indicate that sufficient allowance was not made for the depressed state of the home market and the low prices realised for some time past.

It would be well therefore in future, with the view of keeping down the cost of insurance and additional freight, to follow more closely the course of the market which is shown in the "Particulars of Bark sales" periodically forwarded to your Government.

4. The gross proceeds give an average price of 1 s. 1½ d. per pound, and the net result after deducting the expenses in this country is only one shilling a pound, or less than the average cost of production at the Nilgiri plantations in the year 1882-83 according to the report for that period received with your Secretary's letter, No. 66 of the 4th December (Revenue). The reason of this is of course that the consignment consisted chiefly of *C. succirubra*. It is worth your Excellency's consideration whether, so long as the demand for the bark in London is so limited and the price so low, it would not be better to sell it in India and thus save freight and insurance.

5. In accordance with the wish expressed by your Government special analyses were made of samples taken from certain bales, with the result shown in the accompanying certificates of the analyst. I would draw your attention to the fact that for the eight bales of Java renewed bark, No. 268 in the invoice, which, according to the sample, contained the large proportion of 5.85 per cent. of quinine sulphate, the price obtained was no more than 2 s. 8 d. per pound.

ENCLOSURE No. 1.

ACCOUNT SALE, 306 Bales, East India Cinchona Bark, per *Dacca*, sold at Public Sale for Account of the Secretary of State for India.

1884 January N. Naduvatam Natural Red, 1869 planting. Mossed Red, 1869 planting.	29	Lot 1, 4 Bales Nos. 1/4, 3 3 13 tr. 9 ea. 0 1 8	£	s.	d.
		Lots 2/3, 8 Bales .. Nos. 5/12, 7 3 15 0 2 16	3 2 5 or 397 lb. .. 1/2	23	3 2
		Lot 4, 3 Bales Nos. 13/15, 2 3 15 0 0 27	7 0 27 or 811 lb. 1/2	47	6 2
		2 2 16 or 296 lb.	1/2	17	5 4
		Lot 5, 3 Bales Nos. 16/18, 2 3 18 tr. 9 ea. 0 0 27			
Branch Red, 1869 planting. Renewed Red, 1869 planting.		Lot 6, 1 Bale No. 19, 0 3 27 0 0 9	2 2 19 or 299 lb. .. 1/1	16	3 11
		Lot 7, 1 Bale. No. 20, 0 3 27 0 0 9	0 3 18 or 102 lb. 8d	3	8 0
		0 3 18 or 102 lb.	1/6	7	13 0
Natural Red, 1862 planting.		Lot 8, 5 Bales Nos. 21/25, 4 3 12 tr. 9 ea. 0 1 17			
		Lots 9/12, 17 Bales.. Nos. 26/28 } 16 2 20 30/43 } 1 1 13	4 1 23 or 499 lb. .. 1/1	27	0 7
		Lot 13, 1 Bale No. 29, 0 3 25 0 0 9	15 1 7 or 1,715 lb. 1/0	85	15 0
		0 3 16 or 100 lb.	1/4	6	13 4
Natural Red, 1869 planting.		Lot 14, 5 Bales Nos. 44/48, 4 2 23 tr. 9 ea. 0 1 17			
		Lot 15, 5 Bales .. Nos. 49/53, 4 3 11 0 1 17	4 1 6 or 482 lb. .. 1/0	24	2 0
Natural Red, 1868 planting.		Lots 16/17, 7 Bales Nos. 54/60, 6 3 2 0 2 7	4 1 22 or 498 lb. 1/0	24	18 0
		6 0 23 or 695 lb.	1/0	34	15 0
Renewed Red, 1862 planting.		Lot 18, 5 Bales Nos. 61/65, 4 3 17 tr. 9 ea. 0 1 17			
		Lots 19/26, 38 Bales. Nos. 66/ 90 } 37 0 20 92/104 } 3 0 6	4 2 0 or 504 lb. .. 1/8	42	0 0
		Lot 27, 1 Bale No. 91, 0 3 23 S.D. 0 0 9	34 0 14 or 3,822 lb. 1/7	302	11 6
		0 3 14 or 98 lb.	1/6	7	7 0
Renewed Red, 1868 planting.		Lot 28, 4 Bales.. .. . Nos. 105/108, 3 3 10 tr. 9 ea. 0 1 8			
Renewed Red, 1869 planting.		Lot 29, 2 Bales .. Nos. 109/116, 1 3 14 0 0 18	3 2 2 or 394 lb. .. 1/3	24	12 6
Natural Red, 1869 planting.		Lot 30, 3 Bales Nos. 111/113, 2 3 10 0 0 27	1 2 24 or 192 lb. 1/7	15	4 0
		2 2 11 or 291 lb.	10d	12	2 6
Mossed Red, 1862 planting.		Lot 31, 3 Bales.. .. . Nos. 114/116, 2 3 12 tr. 9 ea. 0 0 27			
Mossed Red, 1869 planting.		Lot 32, 3 Bales .. Nos. 117/119, 2 3 6 0 0 27	2 2 13 or 293 lb. .. 1/1	15	17 5
Mossed Red, 1868 planting.		Lot 33, 1 Bale No. 120, 0 3 23 0 0 9	2 2 7 or 287 lb. 1/2	16	14 10
		0 3 14 or 98 lb.	1/1	5	6 2

Account Sale, 306 Bales, East India Cinchona Bark, per *Dacca*, sold at Public Sale for Account of the Secretary of State for India—(Continued).

Branch Red, 1862 planting.	Lot 34, 3 Bales Nos. 121, 123, } 2 3 9 tr. 9 ea. 124, } 0 0 27	£	s.	d.
	Lot 35, 1 Bale .. No. 122, 0 3 26 C.D. 0 0 9	2 2 10 or 290 lb. .. 6d	7	5 0
Branch Red, 1869 planting.	Lot 36, 5 Bales Nos. 125/129, 4 2 2 0 1 17	0 3 17 or 101 lb. 5d	2	2 1
	4 0 13 or 461 lb.	6 1/2d	12	9 9
Branch Red, 1862 planting.	Lot 37, 1 Bale No. 130, 0 3 24 0 0 9			
Calisaya, Natural, 1869 planting. Calisaya Branch, 1869 planting.	Lot 38, 2 Bales .. Nos. 131/132, 1 3 11 0 0 13	0 3 15 or 99 lb. .. 6 1/2d	2	13 7
	Lot 39, 4 Bales Nos. 133/136, 3 2 23 0 1 8	1 2 21 or 189 lb. 2/	18	18 0
	3 1 15 or 379 lb.	6d	9	9 6
Crown, Natural, 1869 planting.	Lot 40, 2 Bales Nos. 137/138, 1 3 13 tr. 9 ea. 0 0 15			
Crown Branch, 1869 planting.	Lot 41, 1 Bale No. 139, 0 3 22 0 0 9	1 2 23 or 191 lb. .. 1/8	15	18 4
Red, Natural, 1869 planting.	Lot 42, 4 Bales Nos. 200/203, 3 3 13 0 1 8	0 3 13 or 97 lb. 7d	2	16 7
	3 2 5 or 397 lb.	1/2	23	3 2
	Lot 43, 3 Bales Nos. 204, } 2 3 14 tr. 9 ea. 206/207, } 0 0 27			
	Lot 44, 1 Bale .. No. 205, 0 3 27 C.D. 0 0 9	2 2 15 or 295 lb. .. 1/2	17	4 2
	0 3 18 or 102 lb.	1/1	5	10 6
Red, Natural, 1868 planting.	Lot 45, 1 Bale No. 208, 0 3 20 0 0 9 tare.			
Red, Natural, 1862 planting.	Lot 46, 5 Bales .. Nos. 209/213, 4 2 18 0 1 17	0 3 11 or 95 lb. .. 10d	3	19 2
Red, Renewed, 1866 planting.	Lot 47, 4 Bales Nos. 214/217, 3 3 6 0 1 8	4 1 1 or 477 lb. 1/2	27	16 6
	3 1 26 or 390 lb.	1/4	26	0 0
Red, Mossed, 1862 planting.	Lots 48/49, 6 Bales Nos. 218/223, 5 2 24 tr. 9 ea. 0 1 26			
Red, Branch, Coppice Shoot, &c.	Lots 50/54, 23 Bales Nos. 224, 226, } 22 1 16 227, } 0 0 9 tare. 229/248, } 1 3 11	5 0 26 or 586 lb. .. 1/1	31	14 10
	Lot 55, 1 Bale No. 225, 0 3 23 C.D. 0 0 9	20 2 5 or 2,301 lb. 6 1/2d	62	6 5
	0 3 14 or 98 lb.	5 1/2d	2	4 11
	Lot 56, 1 Bale No. 228, 0 3 25 S.D. 0 0 9 tare.			
Red, Renewed, 1866 planting.	Lot 57, 1 Bale .. No. 262, 0 3 21 0 0 9	0 3 16 or 100 lb. .. 5 1/2d	2	5 10
Red, Branch, 1866 planting.	Lot 58, 1 Bale No. 263, 0 3 22 0 0 9	0 3 12 or 96 lb. 1/6	7	4 0
	0 3 13 or 97 lb.	4d	1	12 4

Account Sale, 306 Bales, East India Cinchona Bark, per *Dacca*, sold at Public Sale for
Account of the Secretary of State for India—(Continued):

Red, Renewed, 1866 planting.	Lot 59, 1 Bale	No. 264, 0 3 19 0 0 9 tare.	£	s.	d.
Red, Mossed, 1866 planting.	Lot 60, 1 Bale	No. 235, 0 3 19 0 0 9	0 3 10 or 94 lb.	1/2	5 9 8
Red, Branch, 1866 planting.	Lot 61, 2 Bales Nos. 266/267, 1 3 19 0 0 18	0 3 10 or 94 lb.	1/1	5	1 10
	1 3 1 or 197 lb.			4 1/2	3 13 10
Java Red, Renewed, 1869 planting.	Lot 62, 1 Bale	No. 268, 0 3 19 0 0 9 tare.			
	Lot 63, 2 Bales	Nos. 302/303, 1 1 18 0 0 18	0 3 10 or 94 lb.	2/8	12 10 8
Red, Stripped, Natural, 1869 planting.	Lot 64, 1 Bale No. 304, 0 2 18 0 0 9	1 1 0 or 140 lb.	1/6	10	10 0
	0 2 9 or 65 lb.			1/2	3 15 10
Red, Sliced, Natural, 1869 planting.	Lot 65, 1 Bale	No. 305, 0 3 16 0 0 9 tare.			
Pykara Red, Natural, 1866 planting of Hooker.	Lot 66, 5 Bales	Nos. 140/144, 4 3 3 0 1 17	0 3 7 or 91 lb.	1/2	5 6 2
	Lots 67/70, 17 Bales Nos. 145/153, 16 1 17 160/162, 1 1 13	4 1 14 or 490 lb.	1/3	30	12 6
	15 0 4 or 1,684 lb.		1/2	98	4 8
	Lot 71, 1 Bale	No. 159, 0 3 27 S.D. 0 0 9			
Red, Renewed, 1866 planting of Hooker.	Lots 72/73, 10 Bales	Nos. 163/172, 9 2 7 0 3 6	0 3 18 or 102 lb.	1/	5 2 0
	Lots 74/75, 6 Bales Nos. 173/178, 5 2 26 0 1 26	8 3 1 or 981 lb.	1/8	81	15 0
	5 1 0 or 588 lb.		1/7	46	11 0
Red, Renewed, Dust, 1866 planting of Hooker.	Lot 76, 1 Bale	No. 179, 0 3 24 S.D. 0 0 9 tare.			
Red, Renewed, 1866 planting of Hooker.	Lot 77, 4 Bales	Nos. 180/182, 13 3 1 184, 10 1 8	0 3 15 or 99 lb.	8d	3 6 0
	Lot 78, 1 Bale No. 185, 0 3 26 C.D. 0 0 9	3 1 21 or 385 lb.	1/7	30	9 7
	0 3 17 or 101 lb.		1/6	7	11 6
	Lot 79, 1 Bale	No. 183, 0 3 26 S.D. 0 0 9 tare.			
Red, Mossed, 1866 planting of Hooker.	Lot 80, 3 Bales	Nos. 186/188, 2 3 12 0 0 27	0 3 17 or 101 lb.	1/6	7 11 6
Red, Branch, 1866 planting of Hooker.	Lots 81/82, 9 Bales Nos. 189/197, 8 2 17 0 2 25	2 2 13 or 293 lb.	1/2	17	1 10
	7 3 20 or 888 lb.		7d	25	18 0
Crown Mossed, 1866 planting of Hooker.	Lot 83, 1 Bale	No. 198, 0 3 20 0 0 9 tare.			
Crown Branch, 1866 planting of Hooker.	Lot 84, 1 Bale	No. 199, 0 3 15 0 0 9	0 3 11 or 95 lb.	1/2	5 10 10
Red, Natural, 1866 planting.	Lot 85, 2 Bales Nos. 249/250, 1 3 15 0 0 18	0 3 6 or 90 lb.	7d	2	12 6
	1 2 25 or 193 lb.		1/1	10	9 1

Account Sale, 306 Bales, East India Cinchona Bark, per *Dacca*, sold at Public Sale for
Account of the Secretary of State for India—(Continued):

Red, Renewed, 1866 planting.	Lots 86/87, 6 Bales	Nos. 251/256, 5 2 21 tr. 9 ea. 0 1 26	£	s.	d.
Red, Branch, 1866 planting.	Lot 88, 5 Bales	Nos. 257/261, 4 2 18 0 1 17	5 0 23 or 583 lb.	1/4	38 17 4
Red, Natural, 1866 planting.	Lots 89/90, 6 Bales Nos. 269/270, 5 2 13 272/275, 0 1 26	4 1 1 or 477 lb.	9d	17	17 9
	5 0 15 or 575 lb.		1/2	33	10 10
	Lot 91, 1 Bale	No. 271, 0 3 25 S.D. 0 0 9	0 3 16 or 100 lb.	1/	5 0 0
Red, Renewed, 1866 planting.	Lots 92/93, 8 Bales	Nos. 276/282, 7 2 7 tr. 9 ea. 278-A, 0 2 16	6 3 19 or 775 lb.	1/4	51 13 4
Red, Branch, 1866 planting.	Lot 94, 4 Bales	Nos. 283/286, 3 3 4 0 1 8	3 1 24 or 388 lb.	6d	9 14 0
Red, Root, 1866 planting.	Lot 95, 4 Bales Nos. 287, 288, 3 3 0 290, 291, 0 1 8	3 1 20 or 384 lb.	9 1/2	15	4 0
	Lot 96, 4 Bales	Nos. 292, 294, 3 3 1 tr. 9 ea. 295, 297, 0 1 8	3 1 21 or 385 lb.	10d	16 0 10
	Lot 97, 4 Bales	Nos. 298/301, 3 3 4 0 1 8	3 1 24 or 388 lb.	10d	16 3 4
	Lot 98, 1 Bale No. 296, 0 3 23 C.D. 0 0 9	0 3 14 or 98 lb.	9d	3	13 6
	Lots 99/100, 2 Bales	Nos. 293/289, 1 3 22 tr. 9 ea. S.D. 0 0 18	1 3 4 or 200 lb.	9 1/2	7 18 4
Total			1,677	11	4
Entry			£ s. d.		
Freight			0 2 6		
Wharf charges			127 2 11		
Printing and advertising 100 lots			27 19 2		
Stamps			12 10 0		
Brokerage			0 1 6		
			16 15 6		
			184	11	7
			1,492	19	9

LONDON,
16th February 1884.

(Signed) E.E. JENKIN AND PHILLIPS.

ENCLOSURE No. 2.

316 Packages East India Cinchona Bark, at per lb. Samples at the Brokers'. Damaged on Show at Bull Wharf, Upper Thames Street. Per *Dacca*, Burkett, a Madras, 1st January 1884. Grown in the Government Cinchona Plantations, Ootacamund. Average weight 100 lb. each.

Mark.	Lot.	Nos.	Bales.	Mark.	Lot.	Nos.	Bales.
N				N			
Naduvattam	1	1 @ 4	4	Red, Renewed, 1866	57	262	1
Natural Red, 1869 planting.	2	5 @ 8	4	Red, Branch, 1866	58	263	1
Mossed Red, 1869 planting.	3	9 @ 12	3	Red, Renewed, 1866	59	264	1
Branch Red, 1869 planting.	4	13 @ 15	3	Red, Mossed, 1866	60	265	1
Renewed Red, 1869 planting.	5	18 @ 18	3	Red, Branch, 1866	61	266, 267	2
	6	19	1	Java Red, Renewed, 1869 planting.	62	268	1
	7	20	1	Java Red, Renewed, 1869 planting.	63	302, 303	2
	8	21 @ 25	5	Red, Stripped, Natural, 1869 planting.	64	304	1
Natural Red, 1862 planting.	9	26 @ 28	5	Red, Sliced, Natural, 1869 planting.	65	305	1
	10	30, 31	5		66	140 @ 144	5
Natural Red, 1869 planting.	11	32 @ 36	5		67	145 @ 149	5
Natural Red, 1868 planting.	12	37 @ 41	5		68	150 @ 154	5
	13	42, 43	2		69	155 @ 158	5
	14	29	1		70	160	2
	15	44 @ 48	5		71	161, 162	1 2 C S Dam.
	16	49 @ 53	5		72	159	1 2 C S Dam.
	17	54 @ 57	4		73	163 @ 167	5
	18	58 @ 60	3		74	168 @ 172	5
	19	61 @ 65	5		75	173 @ 175	3
	20	66 @ 70	5		76	176 @ 178	3
	21	71 @ 75	5		77	180 @ 182	4
	22	76 @ 80	5		78	184	1 1 C C Dam.
	23	81 @ 85	5		79	185	1 1 C S Dam.
	24	86 @ 90	5		80	186 @ 188	3
	25	92 @ 96	5		81	189 @ 193	5
	26	97 @ 101	5		82	194 @ 197	4
	27	102 @ 104	3		83	198	1
	28	91	1		84	199	1
	29	105 @ 108	4		85	249, 250	2
	30	109, 110	2		86	251 @ 253	3
	31	111 @ 113	3		87	254 @ 256	3
	32	114 @ 116	3		88	257 @ 261	5
	33	117 @ 119	3		89	269, 270, 272	3
	34	120	1		90	273 @ 275	1 1 C S Dam.
	35	121, 123, 124,	3		91	271	1
	36	122	1		92	276 @ 279	4
	37	125 @ 129	5		93	280 @ 282	4
	38	130	1		94	278-A	4
	39	131, 132	2		95	283 @ 286	4
	40	133 @ 136	4		96	287, 288, 290,	4
	41	137, 138	2		97	291	4
	42	139	1		98	292, 294, 295,	4
	43	200 @ 203	4		99	297	4
	44	204, 206, 207	3		100	298 @ 301	4
	45	205	1			296	1 1 C C Dam.
	46	208	1			293	1 1 C S Dam.
	47	209 @ 213	5			294	1 2 C Dam.
	48	214 @ 217	4			295	
	49	218 @ 220	3			296	
	50	221 @ 223	3			297	
	51	224, 226, 227,	5			298	
	52	229, 230	3			299	
	53	231 @ 235	5			300	
	54	236 @ 240	5			301	
	55	241 @ 245	5			302	
	56	246 @ 248	3			303	
		225	1			304	
		228	1			305	

ENCLOSURE No. 3.

LONDON, 29th January 1884.

Sold by order and for account of the Secretary of State for India at our sale 305 bales East India Cinchona Bark, per *Dacca*, 1st January 1884.

Lots	1/4	15 Bales	@ 1/2	per lb.	Lots	55/56	2 Bales	@ 5 1/2 d	per lb.
Lot	5	3	@ 1/1	"	Lot	57	1	@ 1/6	"
"	6	1	@ 8d	"	"	58	1	@ 4d	"
"	7	1	@ 1/6	"	"	59	1	@ 1/2	"
"	8	5	@ 1/1	"	"	60	1	@ 1/1	"
Lots	9/12	17	@ 1/1	"	"	61	2	@ 4 1/2 d	"
Lot	13	1	@ 1/4	"	"	63	2	@ 1/6	"
Lots	4/17	17	@ 1/8	"	"	64/65	2	@ 1/2	"
Lot	18	5	@ 1/7	"	Lot	66	5	@ 1/3	"
Lots	19/26	38	@ 1/6	"	Lots	67/70	17	@ 1/2	"
Lot	27	1	@ 1/6	"	Lot	71	1	@ 1/1	"
"	28	4	@ 1/3	"	Lots	72/73	10	@ 1/8	"
"	29	2	@ 1/7	"	"	74/75	6	@ 1/7	"
"	30	3	@ 10d	"	Lot	76	1	@ 8d	"
"	31	3	@ 1/1	"	"	77	4	@ 1/7	"
"	32	3	@ 1/2	"	Lots	78/79	2	@ 1/6	"
"	33	1	@ 1/1	"	Lot	80	3	@ 1/2	"
"	34	3	@ 6d	"	Lots	81/82	9	@ 7d	"
"	35	1	@ 5d	"	Lot	83	1	@ 1/2	"
Lots	36/37	6	@ 6 1/2 d	"	"	84	1	@ 7d	"
Lot	38	2	@ 2/	"	"	85	2	@ 1/1	"
"	39	4	@ 6d	"	Lots	86/87	6	@ 1/4	"
"	40	2	@ 1/8	"	Lot	88	5	@ 9d	"
"	41	1	@ 7d	"	Lots	89/90	6	@ 1/2	"
Lots	42/43	7	@ 1/2	"	Lot	91	1	@ 1/1	"
Lot	44	1	@ 1/1	"	Lots	92/93	8	@ 1/4	"
"	45	1	@ 10d	"	Lot	94	4	@ 6d	"
"	46	5	@ 1/2	"	"	95	4	@ 9 1/2 d	"
"	47	4	@ 1/4	"	Lots	96/97	8	@ 10d	"
Lots	48/49	6	@ 1/1	"	Lot	98	1	@ 9d	"
"	50/54	23	@ 6 1/2 d	"					

Your most obedient servants,

Sale conditions.
Prompt 14 days.

(Signed) JENKIN AND PHILLIPS,
Sworn Brokers, 51, Lime Street.

ENCLOSURE No. 4.

CINCHONA BARK CERTIFICATES.

TO THE UNDER-SECRETARY OF STATE FOR INDIA,

India Office.

The sample of Cinchona Bark received from Messrs. JENKIN AND PHILLIPS, on the 19th instant, marked N. 305 ex *Dacca*, gives the following results on analysis:—

	Per cent.	1 lb. (=7,000 Grains) of the Bark contains
Crystallized Quinine Sulphate	2.06	144 1/2 Grains.
Crystallized Quinidine Sulphate	—	—
Crystallized Cinchonidine Sulphate	3.78	264 1/2 "
Cinchonine (Alkaloid)	1.80	126 "
Amorphous	1.30	91 "

10TH MAY 1884, No. 623, REVENUE.

The sample of Cinchona Bark received from Messrs. JENKIN AND PHILLIPS, on the 19th instant, marked N. 304 ex *Dacca*, gives the following results on analysis:—

	Per cent.	1 lb. (=7,000 Grains) of the Bark contains
Crystallized Quinine Sulphate ...	1.40	98 Grains.
Crystallized Quinidine Sulphate ...	—	—
Crystallized Cinchonidine Sulphate.	3.08	215½ "
Cinchonine (<i>Alkaloid</i>) ...	1.46	102½ "
Amorphous " ...	1.00	70 "

The sample of Cinchona Bark received from Messrs. JENKIN AND PHILLIPS, on the 19th instant, marked N. 268 ex *Dacca*, gives the following results on analysis:—

	Per cent.	1 lb. (=7,000 Grains) of the Bark contains
Crystallized Quinine Sulphate ...	5.85	409½ Grains.
Crystallized Quinidine Sulphate ...	0.25	17½ "
Crystallized Cinchonidine Sulphate.	0.52	36½ "
Cinchonine (<i>Alkaloid</i>) ...	0.40	28 "
Amorphous " ...	0.40	28 "

The sample of Cinchona Bark received from Messrs. JENKIN AND PHILLIPS, on the 19th instant, marked N. 302, 303 ex *Dacca*, gives the following results on analysis:—

	Per cent.	1 lb. (=7,000 Grains) of the Bark contains
Crystallized Quinine Sulphate ...	2.67	187 Grains.
Crystallized Quinidine Sulphate ...	—	—
Crystallized Cinchonidine Sulphate	3.04	212½ "
Cinchonine (<i>Alkaloid</i>) ...	1.60	112 "
Amorphous " ...	1.20	84 "

LONDON,
28th January 1884.

(Signed) B. H. PAUL.

ORDER—dated 10th May 1884, No. 623, Revenue.

Miscellaneous.

Communicated to the Director of the Government Cinchona Plantations, Parks and Gardens, in continuation of G.O., 3rd December last, No. 1504.

2. Mr. Lawson will arrange for three local sales of 200 bales of bark on each occasion in July, August and September next.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

To the Director of Government Cinchona Plantations, Parks and Gardens.

Exd. W. H. French.

30 Copies.

Original

Govt. of (1884) Madras.

REVENUE.

Issued

Recd.

Encl.

G.O., 10th May 1884, No. 623.

MAY.

Cinchona Bark.

Despatch from the Secretary of State communicating the result of the sale of 306 bales of —, communicated to Mr. Lawson, with instruction to arrange for three local sales, viz, in July, August and September next.

28th MAY 1884, No. 11, REVENUE.

REVENUE DEPARTMENT.

LETTER—

TO THE RIGHT HONORABLE
THE SECRETARY OF STATE FOR INDIA.

MY LORD,

We have the honor to acknowledge the receipt of your Lordship's despatch of the 27th March last, No. 15, and to forward herewith, for your Lordship's information, a copy of our Proceedings, dated 10th May 1884, No. 623, from which it will be

Miscellaneous.

observed that, agreeing with your Lordship, we have directed 600 bales of Government Cinchona bark to be sold locally.

We have the honor to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed)	M. E. GRANT DUFF.
(")	FRED. ROBERTS.
(")	H. E. SULLIVAN.
(")	C. G. MASTER.

OOTACAMUND,
28th May 1884.

Exd. W. H. French.

Original
FORT SAINT GEORGE.

REVENUE (1884) DEPARTMENT.

(Copy.)

LETTER to the Right Honorable
 the Secretary of State for
 India.

Dated ¹⁰ 22nd May,
 No. 11 of 1884.

Forwarding, for information, a copy of
 Proceedings directing the sale of Government
 Cinchona bark locally.

15 17

Account Sale 306 Bales C. I. Cinchona Bark & Taccas
 sold at Public Sale for Account of the Secretary of State for India

29	Lot 1. 2 Bales	1/4 3. 3. 13 hys		
23. 8	do 15 12 7. 3. 15	1. 1. 8.		
4. 3 do	2. 16	3. 2. 5 or 307	1/2	23 3. 2
15. 2. 3. 15	7. 27 or 31		1/2	24 6. 2
2. 2. 16 or 24			1/2	27 5. 4
5. 3 do	18. 2. 3. 15 hys			
6. 1 do 19	3. 27			
7. 1 do	9. 2. 2. 19 or 24		1/1	16 3. 4
20. 3. 27	3. 18 or 102			8 3. 8
3. 18 or 102			1/6	7. 13
8. 5 do	25. 4. 3. 12 hys			
9/12. 16. 2. 20	1. 1. 17			
13. 1 do	1. 1. 13	2. 23 or 49	1/1	27. 2. 7
12. 3. 25	15. 1. 7 or 17 1/2		1/1	25 5. 5
3. 16 or 100			1/4	6 13. 4
14. 5 do	18. 2. 23 hys			
15. 5 do 14	3. 11	1. 1. 17		
16/17. 7 do	2. 27	1. 6 or 482	1/1	24 2. 2
15/16. 6. 3. 2	1. 22 or 48		1/1	24 18. 2
6. 23 or 605			1/1	34 15. 2
18. 5 do	16/15. 4. 3. 17 hys			
19/26. 38 or 40	37. 20	1. 1. 17		
27. 1 do	3. 26	2. 2. 50 or 50	1/8	42. 2
31. 3. 23	34. 7 or 3822		1/7	302 11. 6
3. 14 or 98			1/6	47. 640 2
Carried forward				640 2

27	11 CS Dam	91	29	109. 110	2	Renewed Red
28			28	105 @ 108	4	Renewed Red
						1868 planting

Brought forward - 640 2

1868 planting 29. 2 do 107 1. 3. 14 3. 3. 10 hysa 30. 3 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 30. 3 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 31. 3 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 32. 3 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 33. 1 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 34. 3 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 35. 1 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 36. 5 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 37. 7 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 38. 2 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 39. 4 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 40. 2 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 41. 1 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 42. 4 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 43. 3 do 110 1. 2. 24 or 192 1/3 24 12 6

1869 planting 44. 1 do 110 1. 2. 24 or 192 1/3 24 12 6

Brought forward - 877 10 1

1868 planting 45. 1 Bale 1208 3. 20 17

1869 planting 46. 5 do 213 4. 2. 18 18

1869 planting 47. 2 do 213 4. 2. 18 18

1869 planting 48. 3 do 213 4. 2. 18 18

1869 planting 49. 1 do 213 4. 2. 18 18

1869 planting 50. 1 do 213 4. 2. 18 18

1869 planting 51. 1 do 213 4. 2. 18 18

1869 planting 52. 1 do 213 4. 2. 18 18

1869 planting 53. 1 do 213 4. 2. 18 18

1869 planting 54. 1 do 213 4. 2. 18 18

1869 planting 55. 1 do 213 4. 2. 18 18

1869 planting 56. 1 do 213 4. 2. 18 18

1869 planting 57. 1 do 213 4. 2. 18 18

1869 planting 58. 1 do 213 4. 2. 18 18

1869 planting 59. 1 do 213 4. 2. 18 18

1869 planting 60. 1 do 213 4. 2. 18 18

1869 planting 61. 1 do 213 4. 2. 18 18

1869 planting 62. 1 do 213 4. 2. 18 18

1869 planting 63. 1 do 213 4. 2. 18 18

1869 planting 64. 1 do 213 4. 2. 18 18

1869 planting 65. 1 do 213 4. 2. 18 18

1869 planting 66. 1 do 213 4. 2. 18 18

1869 planting 67. 1 do 213 4. 2. 18 18

1869 planting 68. 1 do 213 4. 2. 18 18

1869 planting 69. 1 do 213 4. 2. 18 18

1869 planting 70. 1 do 213 4. 2. 18 18

1869 planting 71. 1 do 213 4. 2. 18 18

1869 planting 72. 1 do 213 4. 2. 18 18

1869 planting 73. 1 do 213 4. 2. 18 18

1869 planting 74. 1 do 213 4. 2. 18 18

1869 planting 75. 1 do 213 4. 2. 18 18

1869 planting 76. 1 do 213 4. 2. 18 18

1869 planting 77. 1 do 213 4. 2. 18 18

1869 planting 78. 1 do 213 4. 2. 18 18

1869 planting 79. 1 do 213 4. 2. 18 18

1869 planting 80. 1 do 213 4. 2. 18 18

1869 planting 81. 1 do 213 4. 2. 18 18

1869 planting 82. 1 do 213 4. 2. 18 18

1869 planting 83. 1 do 213 4. 2. 18 18

1869 planting 84. 1 do 213 4. 2. 18 18

1869 planting 85. 1 do 213 4. 2. 18 18

1869 planting 86. 1 do 213 4. 2. 18 18

1869 planting 87. 1 do 213 4. 2. 18 18

1869 planting 88. 1 do 213 4. 2. 18 18

1869 planting 89. 1 do 213 4. 2. 18 18

1869 planting 90. 1 do 213 4. 2. 18 18

1869 planting 91. 1 do 213 4. 2. 18 18

1869 planting 92. 1 do 213 4. 2. 18 18

1869 planting 93. 1 do 213 4. 2. 18 18

1869 planting 94. 1 do 213 4. 2. 18 18

1869 planting 95. 1 do 213 4. 2. 18 18

1869 planting 96. 1 do 213 4. 2. 18 18

1869 planting 97. 1 do 213 4. 2. 18 18

1869 planting 98. 1 do 213 4. 2. 18 18

1869 planting 99. 1 do 213 4. 2. 18 18

1869 planting 100. 1 do 213 4. 2. 18 18

27	110	109	29	Renewed Red
28	108	105	4	Renewed Red
29	107	104	2	Renewed Red

July and
R.S&C. 10/84 21
JENKIN & PHILLIPS. 12
FOR

Public Sale,

BY

JENKIN & PHILLIPS,

AT

6, MINCING LANE,

ON

Tuesday, Jan. 29th, 1884

THE FOLLOWING BARK, Viz:—

316 Packages	E. I. CHINCHONA BARK	
104 do	PITAYO	do
89 do	Ceylon CHINCHONA	do
8 do	RED	do
6 Bales	CUPREA	do
1 do	Soft COLUMBIAN	do
1 do	NEW GRANADIAN	do

London Produce Brokers' Association's Public Sale Conditions

The Bark to be re-weighed on or before the 12th February 1884, or it will be re-housed at the Buyers' expense

Prompt 14 Days, without deduction for discount, draft dust or trett

316 Packages E. I. CHINCHONA BARK, at per lb

Samples at the Brokers'

Damaged on shew at Bull Wharf, Upper Thames Street

Per Dacca, Burkett, a Madras—1/1/84

Grown in the Government Chinchona Plantations
Ootacamund

Average weight 100lbs. each

Mark	Lot	Nos.	
N	1	1 @ 4	4 bales
Naduvattam			
Natural Red	2	5 @ 8	4
1869 planting	3	9 @ 12	4
	4	13 @ 15	3
Mossed Red	5	16 @ 18	3
1869 planting			

carried over

R.S&C.

13 23

3

BARK continued—

Mark	Lot	Nos	3 bales
N	30	111 @ 113	—
Natural Red 1869 planting	—	—	—
Mossed Red 1862 planting	31	114 @ 116	3
Mossed Red 1869 planting	32	117 @ 119	3
Mossed Red 1862 planting	33	120	1
Branch Red 1862 planting	34	121, 123, 124	3
—	35	122	1 1 C C Dam
Branch Red 1869 planting	36	125 @ 129	5
Branch Red 1862 planting	37	130	1
Calisaya Natural 1869 planting	38	131, 132	2
Calisaya Branch 1869 planting	39	133 @ 136	4

carried over

71	129	1 2 C S Dam
72	163 @ 167	Red Renewed 1866 planting by Hooker
73	168 @ 172	—
74	173 @ 175	—
75	176 @ 178	—

Red Renewed
1866 planting by Hooker

2

BARK continued—

Mark	Lot	Nos	1 bale
N	6	19	—
Branch Red 1869 planting	—	—	—
Renewed Red 1869 planting	7	20	1
Natural Red 1862 planting	8	21 @ 25	5
—	9	26 @ 28, 30, 31	5
—	10	32 @ 36	5
—	11	37 @ 41	5
—	12	42, 43	2
—	13	29	1
Natural Red 1869 planting	14	44 @ 48	5
—	15	49 @ 53	5
Natural Red 1868 planting	16	54 @ 57	4
—	17	58 @ 60	3
Renewed Red 1862 planting	18	61 @ 65	5
—	19	66 @ 70	5
—	20	71 @ 75	5
—	21	76 @ 80	5
—	22	81 @ 85	5
—	23	86 @ 90	5
—	24	92 @ 96	5
—	25	97 @ 101	5
—	26	102 @ 104	3

1 1 C S Dam

Renewed Red
1869 planting

Renewed Red
1869 planting

carried over

BARK continued—

Mark	Lot 6	Nos.	1 bale
N Branch Red 1869 planting	—	19	—
Renewed Red 1869 planting	7	20	1
Natural Red 1862 planting	8	21 @ 25	5
	9	26 @ 28,30,31	5
	10	32 @ 36	5
	11	37 @ 41	5
	12	42,43	2
	13	29	1
Natural Red 1869 planting	14	44 @ 48	5
	15	49 @ 53	5
Natural Red 1868 planting	16	54 @ 57	4
	17	58 @ 60	3
Renewed Red 1862 planting	18	61 @ 65	5
	19	66 @ 70	5
	20	71 @ 75	5
	21	76 @ 80	5
	22	81 @ 85	5
	23	86 @ 90	5
	24	92 @ 96	5
	25	97 @ 101	5
	26	102 @ 104	3

BARK continued—

Mark	Lot 30	Nos	3 bales
N Natural Red 1869 planting	—	111 @ 113	—
Mossed Red 1862 planting	31	114 @ 116	3
Mossed Red 1869 planting	32	117 @ 119	3
Mossed Red 1868 planting	33	120	1
Branch Red 1862 planting	34	121,123,124	3
	35	122	1 1 C C Dam
Branch Red 1869 planting	36	125 @ 129	5
Branch Red 1862 planting	37	130	1
Calisaya Natural 1869 planting	38	131,132	2
Calisaya Branch 1869 planting	39	133 @ 136	4
Crown Natural 1869 planting	40	137,138	2
Crown Branch 1869 planting	41	139	1
Red Natural 1869 planting	42	200 @ 203	4
	43	204,206,207	3
	44	205	1 1 C C Dam
Red Natural 1868 planting	45	208	1
Red Natural 1862 planting	46	209 @ 213	5
Red Renewed 1866 planting	47	214 @ 217	4
Red Mossed 1862 planting	48	218 @ 220	3
	49	221 @ 223	3

carried over

R.S&C.

10/24/14

5

BARK continued—

Mark	Lot	Nos	Bales
P Renewed Red Dust 1866 planting of Hooker	76	179	1 2 C S Dam
Renewed Red 1866 planting of Hooker	77	180 @ 182, 184	4
	78	185	1 1 C C Dam
	79	183	1 1 C S Dam
Mossed Red 1866 planting of Hooker	80	186 @ 188	3
Branch Red 1866 planting of Hooker	81	189 @ 193	5
	82	194 @ 197	4
Crown Mossed 1866 planting of Hooker	83	198	1
Crown Branch 1866 planting of Hooker	84	199	1
Red Natural 1866 planting	85	249, 250	2
Red Renewed 1866 planting	86	251 @ 253	3
	87	254 @ 256	3
Red Branch 1866 planting	88	257 @ 261	5
Red Natural 1866 planting	89	269, 270, 272	3
	90	273 @ 275	3
	91	271	1 1 C S Dam
Red Renewed 1866 planting	92	276 @ 279	4
	93	280 @ 282, 278	4
Red Branch 1866 planting	94	283 @ 286	4
Red Root 1866 planting	95	287, 288, 290, 291	4
	96	292, 294, 295, 297	4
	97	298 @ 301	4
	98	296	1 1 C C Dam
	99	293	1 1 C S do
	100	299	1 2 C do

carried over

BARK continued—

Maak	Lot	Nos	Bales
N Red Branch Coppice Shoot, &c.	50	224, 226, 227, 229, 230	5 bales
	51	231 @ 235	5
	52	236 @ 240	5
	53	241 @ 245	5
	54	246 @ 248	3
	55	225	1 1 C C Dam
	56	228	1 1 C S do
Red Renewed 1866 planting	57	262	1
Red Branch 1866 planting	58	263	1
Red Renewed 1866 planting	59	264	1
Red Mossed 1866 planting	60	265	1
Red Branch 1866 planting	61	266, 267	2
Java Red Renewed 1866 planting	62	268	1
Java Red Renewed 1866 planting	63	302, 303	2
Red Stripped Natural 1866 planting	64	304	1
Red sliced natural 1866 planting	65	305	1
P Pykara Red Natural 1866 planting of Hooker	66	140 @ 144	5
	67	145 @ 149	5
	68	150 @ 154	5
	69	155 @ 158, 160	5
	70	161, 162	2
	71	163 @ 167	5
	72	168 @ 172	5
	73	173 @ 175	3
	74	176 @ 178	3

carried over

BARK continued—

Per Goa, Jones, a Calicut—8/1/84

Average weight 126lbs. each

Mark	Lot	Nos.	
 Mossed	101	437,438	2 bales
Renewed	102	441,442	2
Natural	103	440,442,445	3
	104	446,448,449	3

89 Bales Ceylon CHINCHONA BARK, at per lb.

Samples at the Brokers'

Damaged on shew at Fenchurch Street Warehouse

Per Goorkha, H. J. Guy, a Colombo—3452

				About lbs
Ardallie	105	1 @ 4	4 bales	600
Cin Off	106	5 @ 8	4	600
AC	107	9 @ 12	4	600
	108	13	1 1 C C Dam	93
RAC	109	14 @ 18	5	750
	110	19	1 2 C C Dam	103

Lying at No. 6 Warehouse, London Docks

Per Quetta, Templeton, a Colombo—4/12/83

Agrawatte	111	464,465	2 bales	636
Chinchona	112	466,467	2	636
Succirubra	113	468	1	318
Renewed	114	476	1	272
Root				
St. Margarets	115	483,484	2	600
Chinchona	116	485,486	2	578
Succirubra				
Original Stem				

Per India, Day, a Colombo—10/12/83				
Dotel Oya	118	227 @ 229	3	900
Chinchona	119	230 @ 232	3	900
Succirubra	120	233 @ 235	3	900
Stem	121	236,237	2	502

carried over

BARK continued—

Per Quetta, Templeton, a Colombo—23/11/83

Mark	Nos		About lbs.
Mukeloya			
Chinchona Lot	122	199,200	2 bales 600
Officinalis			
Shavings	123	201,202	2 600
	124	203,204	2 600
	125	205,206	2 600
	126	207,208	2 600
	127	209,210	2 600
	128	211,212	2 600
	129	213 @ 215	3 800

Lying at Bull Wharf, Upper Thames Street

Per Goorkha, Guy, a Colombo—29/12/83

	130	12,13	2 bales	336
--	-----	-------	---------	-----

Lying at Fenchurch Street Warehouse

Per Roumania, J. Harris, a Colombo—3347

Rookwood	131	1,2	2 bales	600
Off Chips	132	3	1	312
	133	6,7	2	432
Off Succ Renewed				
Chips				

Per Deccan, Adamson, a Colombo—83/3234

Holmwood				
Office	134	1,2	2 bales	600
Nat Shavings	135	3,4	2	600
	136	5,6	2 1 C S Dam	600
	137	7 @ 9	3	780
Rend Shavings	138	10 @ 12	3	780
	139	13 @ 15	3	780
	140	16,17,22	3	780
	141	18	1 1 C C Dam	260
	142	19,20	2 1 C S Dam	520
	143	21	1 2 C do	260

6 Bales CUPREA BARK, at per lb.

Samples at the Brokers'

Lying at No. 6 Warehouse, London Docks

Nile, Gillies, a Baranquilla

Per Land Carriage, a Southampton—3/1/84

Average weight 112lbs. each

RAS	144	1 @ 3	3 bales
	145	4 @ 6	3

1 Bale SOFT COLUMBIAN BARK, at per lb.

Samples at the Brokers'

Lying at No. 6 Warehouse, London Docks

Per Nile, Gillies, a Baranquilla

Per Land Carriage, a Southampton—3/1/84

Weight 100lbs.

Mark		Nos	
RAS	Lot 146	7	1 bale

1 Bale NEW GRANADIAN BARK, at per lb.

Samples at the Brokers'

Lying at No. 6 Warehouse, London Docks

Per Nile, Gillies, a Baranquilla

Per Land Carriage, a Southampton—3/1/84

Weight 100 lbs.

RAS	147	8	1 bale
-----	-----	---	--------

104 Bales PITAYO BARK, at per lb.

Samples at the Brokers'

Lying at No. 6 Warehouse, London Docks

Per Moselle, Jellicoe, a Guayaquil

Per Land Carriage, a Southampton—16/11/83

Average Weight 100lbs. each

RGT	148	1 @ 5	5 bales
	149	6 @ 10	5
	150	11 @ 15	5
	151	16 @ 20	5
	152	21 @ 24	4
	153	25 @ 27	3
	154	28, 29	2 3 C C Dam
	155	30, 31	2 Bad do

Per Don, Woolward, a Colon

Per Land Carriage, a Southampton—1/11/82

BARK continued—

Per Nile, Gillies, a Guayaquil

Per Land Carriage, a Southampton—17/10/83

Average weight 100lbs. each

Mark		Nos	
RGT	Lot 162	233 @ 237	5 bales
	163	238 @ 242	5
	164	243 @ 247	5
	165	248 @ 252	5
	166	253 @ 257	5
	167	258 @ 262	5
	168	263 @ 267	5
	169	268 @ 272	5
	170	273 @ 277	5
	171	278 @ 281	4
	172	282 @ 284	3 1 C C Dam
	173	285 @ 287	3 2 C do

8 Packages RED BARK, at per lb.

Samples at the Brokers'

On shew at Bull Wharf, Upper Thames Street

Per Don Woolward, a Guayaquil

Per Land Carriage, a Southampton—15/1/84

GCB	174	1	1 case	133
Reinberg	175	2	1 3 C C Dam	161
	176	6	1 bag	10
	177	7	1	7
GCB	178	3	1 1 C C Dam	77
	179	4	1 1 C do	56
	180	5	1	161
	181	8	1 bag	7

The Bark to be seen as specified ; and Catalogues had of

JENKIN & PHILLIPS,

BROKERS,

51, Lime Street.

RS/C 10

Dr. B. H. PAUL,
Consulting Chemist,
AND
COMMERCIAL ANALYST.

31 RS&C
202
Analytical Laboratory,

13, FENCHURCH AVENUE, E.C.

And 1, Victoria Street, Westminster, S.W.

Duplicate

London 28 January 1884

Cinchona Bark Certificate.

To the UNDER-SECRETARY OF STATE FOR INDIA,
INDIA OFFICE.

The Sample of Cinchona Bark received from *Mr. J. P. Phillips* on the
19th Inst., marked *N 305* in "*Dacca*", gives the
following results on Analysis:—

	Per Cent.	1 lb. (= 7,000 Grains) of the Bark contains
CRYSTALLIZED QUININE SULPHATE	2.06	144 $\frac{1}{4}$ Grains.
CRYSTALLIZED QUINIDINE SULPHATE	—	—
CRYSTALLIZED CINCCHONIDINE SULPHATE	3.78	264 $\frac{1}{2}$ "
CINCCHONINE (Alkaloid)	1.80	126 "
Amorphous	1.30	91 "

Signed, *B. H. Paul*

R. S. & C. 16
Dr. B. H. PAUL,
Consulting Chemist,
AND
COMMERCIAL ANALYST.

33
Analytical Laboratory,
13, FENCHURCH AVENUE, E.C.
And 1, Victoria Street, Westminster, S.W.

S&C
202
54

Duplicate

London 28th January 1884

Cinchona Bark Certificate.

To the UNDER-SECRETARY OF STATE FOR INDIA,
INDIA OFFICE.

The Sample of Cinchona Bark received from ^{Major-General D. D. D.} ~~you~~ on the
19th Inst, marked N 304 & 'Dacca', gives the
following results on Analysis:—

	Per Cent.	1 lb. (= 7,000 Grains) of the Bark contains
CRYSTALLIZED QUININE SULPHATE	1.40	98 Grains.
CRYSTALLIZED QUINIDINE SULPHATE	—	—
CRYSTALLIZED CINCHONIDINE SULPHATE	3.08	215 1/2
CINCHONINE (Alkaloid)	1.46	102 1/4
Amorphous	1.00	70

(Signed) Dr. B. H. Paul

R.S. & C. 10

Dr. B. H. PAUL,
Consulting Chemist,
AND
COMMERCIAL ANALYST.

Analytical Laboratory,

13, FENCHURCH AVENUE, E.C. 1084
And 1, Victoria Street, Westminster, S.W.

37
R.S. & C.
7202
1884

Duplicate

London 28th January 1884

Cinchona Bark Certificate.

To the UNDER-SECRETARY OF STATE FOR INDIA,

INDIA OFFICE.

The Sample of Cinchona Bark received from *Joseph D. Penkin & Co. Ltd.* on the

19th Inst, marked *N 302/303* & *Dacca*, gives the following results on Analysis:—

	Per Cent.	1 lb. (= 7,000 Grains) of the Bark contains
CRYSTALLIZED QUININE SULPHATE	2.67	187 Grains.
CRYSTALLIZED QUINIDINE SULPHATE	—	—
CRYSTALLIZED CINCHONIDINE SULPHATE	3.04	212 ³ / ₄ „
CINCHONINE (Alkaloid)	1.60	112 „
Amorphous „	1.20	84 „

(Signed) *Bright Paul*

2	do	at	1/8	83	1	do	at	1/2
1	do	at	7 ⁰	81	1	do	at	7 ⁰
7	do	at	1/2	83	2	do	at	1/1 ⁰
1	do	at	1/1	80/87	6	do	at	1/4
1	do	at	10 ⁰	88	5	do	at	9 ⁰

Lp 479

10³⁹

London. 29th Jan^r 1881.

Sold by Order and for account of
The Secretary of State for India at our sale
805 Bales E.I. Cinchona Bark per Dacca 1/1/84.

Lot 1/11	15 Bales	at 1/2 per lb	Lot 46	5 Bales	at 1/2 per lb
5	3	do at 1/1	47	11	do at 1/4
6	1	do at 8 ^d	48/49	6	do at 1/1
7	1	do at 1/6	50/54	23	do at 6 ¹ / ₂
8	5	do at 1/1	55/56	2	do at 5 ¹ / ₂
9/12	17	do at 1/1	57	1	do at 1/6
13	1	do at 1/4	58	1	do at 4 ^d
41/17	17	do at 1/1	59	1	do at 1/2
18	5	do at 1/8	60	1	do at 1/1
19/26	38	do at 1/7	61	2	do at 4 ¹ / ₂
27	1	do at 1/6	63	2	do at 1/6
28	4	do at 1/3	64/65	2	do at 1/2
29	2	do at 1/7	66	5	do at 1/3
30	3	do at 10 ^d	67/70	17	do at 1/2
31	3	do at 1/1	71	1	do at 1/1
32	3	do at 1/2	72/73	10	do at 1/8
33	1	do at 1/1	74/75	6	do at 1/7
34/1	3	do at 6 ^d	76	1	do at 8 ^d
35	1	do at 5 ^d	77	4	do at 1/7
36/37	6	do at 6 ¹ / ₂	78/79	2	do at 1/6
38	2	do at 2 ¹ / ₂	80	3	do at 1/2
39	4	do at 6 ^d	81/82	9	do at 7 ^d
40	2	do at 1/8	83	1	do at 1/2
41	1	do at 7 ^d	84	1	do at 7 ^d
42/43	7	do at 1/2	85	2	do at 1/1
44	1	do at 1/1	86/87	6	do at 1/4
45	1	do at 10 ^d	88	5	do at 9 ^d

9/90	6	Bales	at	$\frac{1}{2}$	per lb
91	1	do	at	$\frac{1}{4}$	"
92/93	8	do	at	$\frac{1}{4}$	"
94	4	do	at	$\frac{1}{2}$	"
95	4	do	at	$\frac{1}{2}$	"
96/97	8	do	at	$\frac{1}{2}$	"
98	1	do	at	$\frac{1}{2}$	"

Your most obedient servants
(signed) Jenkins & Phillips

Lynn Brokers
51. Lime St.

Sale conditions
Prompt 14 days.

No 12

ON HER MAJESTY'S SERVICE.

Madras
Revenue

Enclosure referred to in Revenue letter to
Madras, No 15, dated 27th March 1804. Recd. 2nd 5

Recd.
27/5

India Office.

Fort St. George.

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RevenueN^o 15

India Office,
London. 27th March, 1884.

Sir,

1. I have to acquaint your Excellency with the result of the sale of 306 bales of Chinchona Bark received by the "Dacca" and referred to in your Secretary's Letter N^o 67 of the 12th December last.

2.- From the Sale Account forwarded herewith, it will be seen that the bark realised a gross sum of £1677.11.4, and that the net proceeds, after deducting the cost of freight

Gross proceeds of sale 1677.11.4

Deduct

Entry. 2.6

Freight. 127.2.11

Wharf Charges 27.19.2

Printing &

Advert^r. 12.10.-

Stamps. 1.6

Brokerage. 16.15.6 184.11.7

Net proceeds of sale. £1492.19.9

His Excellency

The Right Honorable
The Governor in Council,
Fort S^t George.

Rev: 2625/84.

2 41

freight, brokerage & other charges, were £1492.19.9.1/2.

3. This result falls short of the estimate of your Government which placed the value of the bark at £3060, and seems to indicate that sufficient allowance was not made for the depressed state of the home market and the low prices realised for some time past. It would be well therefore in future, with the view of keeping down the cost of insurance and additional freight, to follow more closely the course of the market, which is shewn in the "Particulars of Bark Sales" periodically forwarded to your Government.

4. The gross proceeds give

3 49

give an average price
of $1\frac{1}{2}$ per pound, and
the net result after deducting
the expenses in this Country
is only one shilling a pound,
or less than the average
cost of production at the
Nilgiri plantations in the
year 1882-83 according
to the report for that
period received with your
Secretary's letter, N^o. 66 of
the 4th December (Revenue).
The reason of this is of
course that the consignment
consisted chiefly of C.
Succiruba. It is worth
your Excellency's consideration
whether, so long as the
demand for the bark
in London is so limited
and the price so low,
it would not be better
to sell it in India
and

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and thus save freight and insurance..

5.. In accordance with the wish expressed by your Government special analyses were made of samples taken from certain bales, with the result shewn in the accompanying certificates of the analyst. I would draw your attention to the fact that for the eight bales of Java renewed bark, N^o. 268 in the invoice, which according to the sample, contained the large proportion of 5.85 per cent of quinine sulphate, the price obtained was no more than $2\frac{1}{8}$ per pound..

I have the honor to be,
Sir,

Your most obedient
humble servant

Kimberley

N-11

Revenue

27th March 1844.

The

Letter to Lord St. George

N-15.

Ref. to
20/4

No. 2625

Desp:
From The Secretary of State
for India
Revenue.

Dated 27th March.
Recd. 22nd April 1884.

No. 15.

Print
Enc. 1.

SUBJECT.

Comm^g the result of
the sale of 306 hales of
Pinchona bark & enquiring
whether under the cir-
cumstances stated it
would not be better to
sell the bark in India.

No. 2625.

From The Secretary of State - Despatch No. 15.
Dated 27th March 1884.

FOR ORDERS.

The last best sale in
Madras took place in
February last and the
prices realized are shown
in the statement which
accompanied Mr. Lawry's
letter no 8 D. 7th March
1884. sent in G.O. 21st
March 1884 no 406. As
the bark sold in Madras
was Sodabatta and
Kaduvattam bark, and
the bark sold by the Secy
of State Kaduvattam &
Pykara (Hark) bark,
the prices realized in each
case by the Kaduvattam
bark will furnish a
means of comparison
now in Madras Kadu-
vattam Renewed Red
fetched Rs. 90 or 150 s. per
bale of 100 lbs or
1/6^d per lb. From the
enclosures received with
the Secy of State's Despatch.

* Assuming R. 1 = 1/8 s.

batch it is calculated
that in England the
average price fetched
by this quality of bark
was $1/6\frac{1}{2}$ per lb, or
only $\frac{1}{2}$ more than in
Madras. So again, in
Madras Nadvatam
Natural Red fetched
 $R164$ or $156/8?$ per
100 lbs or $1/0\frac{4}{5}$ per lb.
In England it fetched
 $1/2\frac{2}{3}$ per lb. Lastly,
Nadvatam Branch Red
fetched in Madras
 $R135$ or $58/8?$ per
100 lbs or $7?$ per lb.
In England it fetched
exactly $6?$ on an average
per lb. It is more-
over to be observed that
the charges for freight
&c. on the bark sold
in England amounted
to 11% of the gross
proceeds, and which
must be deducted from
the English prices shown
above; and there was
~~also a charge for~~
also a charge for

insurance of $R1568.35$
paid in Madras. Mr
Master Attendant's letter
read in G.O. 3rd Dec 1883.
has been. This (at $1/8?$ the
rate) is another 2.8%
on the gross proceeds in
England. Total 13.8% to
be deducted from English
prices before comparison.
No doubt a similar de-
duction must be made
from the Madras prices
for advertising and brokerage,
but the amount of this
must be comparatively
insignificant.

Under these circum-
stances it seems clear
that it would be better
as suggested by the Secy
of State, "to sell the
bark in Madras and
thus save freight and
insurance."

The remaining enclo-
sures, analysts' certificates
are for communication
to Mr. Lawson.

G.L.
29.11.84

Mr. Lawson has reported that
upwards of 800 tons of bark
of the last official year are

FOR ORDERS.

an awaiting disposal. Submitted
that he might be told to arrange
for local sales of 200 bales each
in July, August, & September,
100 bales in all, and that
the orders ~~should~~ be
reported to the Secy of State
w/ly to his despatch.

Mr. Yess

To Report the Sales in
the 1st Dec. to the Secy of State

21 59

623 of 10.5.84.

Cwe 2625/84.

Read the following Despatch
from the Secretary of State
for India of 27th March
1884 No 15.

Comd to the Director of
the Govt Cinchona Plantations
Parks and Gardens in
Continuation of G.O. 3rd Dec.
last No 1504.

2. Mr. Lawson will arrange
for three local sales of
200 bales of bark on each
occasion in July, August
and September next.

(From ~~the~~ Secy)

To List from orders
The Director of Govt C.P.P. Gardens.
Dec 23.5.84.

30
2
Dec 31.5.84

10 of 1884

The Right Honble the Secretary
of State for India

My Lord,

We have the

honor to acknowledge the receipt of Your Lordship's Despatch of the 27th March last No. 15 and to forward herewith for Your Lordship's information a copy of our Prop of 10th May 1884 No. 623. from which it will be observed that, agreeing with Your Lordship, we have directed too bales of Govt cinchona bark to be sold locally.

(from order) ✓

Golacramand
28th May 1884

It is suggested that the copy of Storer's Despatch be not printed. The enclosures may be.
May be printed in full.

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Disposal of Cinchona Bark

Printed
a/5