

表 4 Minocin 與 Borymycin 之溶離試驗

表 4-1 Minocin 與 Borymycin 於 0.1NHCl 溶離液之溶離試驗

Minocin 之溶離度

時間 (min)	S1	S2	S3	S4	S5	S6	mean	SD	CV
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	11.02	13.77	24.57	15.31	11.40	10.92	14.50	5.24	36.12%
10	68.52	71.87	80.88	60.46	68.35	56.69	67.80	8.55	12.62%
15	86.74	79.38	85.94	77.70	82.51	76.31	81.43	4.34	5.33%
30	90.35	82.50	88.32	85.01	88.38	83.30	86.31	3.16	3.66%
45	90.67	82.99	88.74	86.42	88.74	84.33	86.98	2.93	3.37%
60	90.62	83.02	88.98	86.74	88.98	85.48	87.30	2.78	3.18%
120	90.90	83.54	89.63	87.33	89.37	87.83	88.10	2.58	2.93%

Borymycin 之溶離度

時間 (min)	S1	S2	S3	S4	S5	S6	mean	SD	CV
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	23.20	24.95	24.92	29.30	53.09	37.32	32.13	11.47	35.69%
10	69.74	74.25	86.05	67.86	88.09	92.43	79.74	10.41	13.06%
15	85.61	94.17	91.82	80.19	96.44	97.16	90.90	6.69	7.37%
30	95.14	99.85	95.16	89.66	98.71	97.81	96.06	3.66	3.81%
45	96.70	100.57	96.26	92.61	99.27	97.59	97.17	2.76	2.84%
60	97.28	100.68	96.57	93.61	99.47	97.42	97.51	2.45	2.51%
120	97.90	100.80	97.31	94.61	99.79	97.30	97.95	2.17	2.21%

4-2 Minocin 與 Borymycin 於 pH=4.5 溶離液之溶離試驗

Minocin 之 溶離度

時間 (min)	S1	S2	S3	S4	S5	S6	mean	SD	CV
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	14.24	2.55	2.60	1.04	12.76	6.85	6.67	5.65	84.68%
10	41.99	39.56	29.43	37.91	69.63	53.67	45.36	14.23	31.37%
15	51.37	53.72	45.26	62.79	76.01	61.90	58.51	10.82	18.50%
30	64.30	70.26	62.52	74.60	81.48	74.03	71.20	7.06	9.91%
45	70.17	75.93	68.26	77.53	82.99	77.63	75.42	5.40	7.16%
60	72.99	78.78	70.77	78.86	83.98	78.92	77.38	4.75	6.14%
120	78.86	83.33	75.92	81.22	86.59	82.28	81.37	3.69	4.53%

Borymycin 之溶離度

時間 (min)	S1	S2	S3	S4	S5	S6	mean	SD	CV
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	19.46	8.51	6.76	9.86	31.25	14.12	14.99	9.18	61.21%
10	51.02	37.69	33.44	28.31	54.97	58.38	43.97	12.44	28.30%
15	69.38	58.01	54.82	78.11	62.10	88.36	68.46	12.85	18.77%
30	84.70	74.49	78.61	91.95	76.23	92.96	83.16	7.99	9.61%
45	89.53	79.70	84.30	94.04	82.01	94.51	87.35	6.28	7.19%
60	91.33	81.99	86.46	94.78	84.21	95.10	88.98	5.56	6.25%
120	93.99	86.12	88.93	95.91	86.84	95.79	91.26	4.49	4.92%

表 4-3 Minocin 與 Borymycin 於 pH=6.8 溶離液之溶離試驗

Minocin 之溶離度

時間 (min)	S1	S2	S3	S4	S5	S6	mean	SD	CV
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	15.42	12.11	12.89	9.12	13.12	22.53	14.20	4.56	32.11%
10	53.47	50.48	53.43	52.43	62.96	63.28	56.01	5.62	10.03%
15	65.74	64.61	65.78	62.11	72.55	76.71	67.92	5.53	8.14%
30	72.25	76.26	76.43	71.30	81.57	85.82	77.27	5.55	7.19%
45	74.05	80.00	79.54	75.06	83.49	88.95	80.18	5.52	6.88%
60	75.19	82.09	81.41	77.02	84.40	90.29	81.73	5.40	6.60%
120	78.80	87.32	85.04	81.47	86.76	92.06	85.24	4.67	5.47%

Borymycin 之溶離度

時間 (min)	S1	S2	S3	S4	S5	S6	mean	SD	CV
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	24.94	10.49	8.38	19.56	15.76	3.98	13.85	7.72	55.72%
10	56.64	38.34	30.21	51.27	52.51	22.89	41.98	13.63	32.46%
15	68.31	57.19	48.72	71.49	75.01	53.83	62.43	10.62	17.02%
30	84.13	78.89	65.80	86.07	88.23	82.72	80.97	8.08	9.98%
45	87.84	83.79	71.47	88.86	91.34	87.04	85.06	7.10	8.34%
60	89.44	85.85	73.95	89.90	92.59	88.78	86.75	6.63	7.65%
120	92.02	90.28	79.37	92.59	94.81	92.98	90.34	5.57	6.17%