

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
349.00	3.0000e-05	-2.0000e-05	-9.4203e-06	5.3453e-06	-5.9010e-06	4.8000e-09
350.00	2.0000e-05	-2.0000e-05	-3.0201e-06	1.0000e-05	-8.5698e-06	-3.1798e-07
351.00	1.0000e-05	1.0000e-05	-1.0000e-05	1.1745e-06	-1.0000e-05	2.3490e-07
352.00	4.0000e-05	1.8803e-06	-2.0000e-05	-1.5187e-07	-2.0000e-05	3.4569e-07
353.00	1.0000e-05	-3.7492e-07	3.9546e-06	7.5642e-06	-7.5818e-06	2.7124e-06
354.00	5.3643e-06	7.4959e-06	-1.0000e-05	-1.0000e-05	1.1033e-06	-1.2073e-06
355.00	8.8186e-06	9.5184e-06	-2.0000e-05	1.0000e-05	-1.0000e-05	-3.3260e-07
356.00	9.3990e-06	1.0000e-05	-7.7344e-06	6.6606e-06	-4.3043e-06	2.8042e-06
357.00	3.0000e-05	2.0000e-05	-8.8630e-06	1.0000e-05	-2.0000e-05	6.2274e-06
358.00	3.0000e-05	-3.0000e-05	3.2295e-06	-2.0000e-05	-2.0000e-05	-7.3541e-06
359.00	1.0000e-05	3.0000e-05	-2.0000e-05	-2.0000e-05	-2.6795e-07	-5.3590e-08
360.00	5.2771e-06	-8.3825e-06	-2.0000e-05	-2.0000e-05	-1.0000e-05	-1.0621e-05
361.00	3.0000e-05	2.0000e-05	-1.0000e-05	-6.8164e-06	8.2426e-06	8.2852e-06
362.00	4.0000e-05	2.0000e-05	-1.0000e-05	9.5175e-06	-4.4545e-06	1.1013e-05
363.00	1.0000e-05	3.0000e-05	-9.7008e-06	-1.0000e-05	-9.0127e-06	2.2573e-06
364.00	1.0000e-05	4.0000e-05	-8.6678e-06	-1.0000e-05	-5.8654e-06	5.0934e-06
365.00	3.0000e-05	4.0000e-05	-2.0000e-05	-2.0000e-05	-4.4845e-06	5.1031e-06
366.00	1.0000e-05	2.0000e-05	-3.6118e-06	-1.0000e-05	2.0000e-05	7.2776e-06
367.00	2.0000e-05	-3.2532e-06	-3.0000e-05	-1.0000e-05	1.7823e-06	-4.2942e-06
368.00	-5.2121e-06	3.2197e-06	1.0000e-05	-1.0000e-05	-8.7241e-06	-2.1433e-06
369.00	5.0000e-05	3.0000e-05	-4.3520e-06	-3.0000e-05	-1.0000e-05	7.1296e-06
370.00	-1.5861e-07	3.0000e-05	5.1529e-07	-2.0000e-05	-6.2328e-06	8.2478e-07
371.00	1.0000e-05	2.0000e-05	1.0000e-05	-4.0000e-05	-1.0000e-05	-2.0000e-06
372.00	2.0000e-05	4.0000e-05	2.0000e-05	-2.0000e-05	-1.0000e-05	1.0000e-05
373.00	3.0000e-05	5.0000e-05	3.9137e-06	-3.0000e-05	-2.0000e-05	6.7827e-06
374.00	3.0000e-05	3.0000e-05	-9.9726e-06	-2.0000e-05	-2.0000e-05	2.0055e-06
375.00	1.1477e-06	2.0000e-05	1.8353e-06	-4.0000e-05	1.1482e-06	-3.1738e-06
376.00	3.0000e-05	6.0000e-05	2.0000e-05	-3.0000e-05	6.6228e-06	1.7325e-05
377.00	2.0000e-05	1.0000e-05	-5.6141e-06	-3.0000e-05	4.9492e-07	-1.0238e-06
378.00	2.0000e-05	-1.0000e-05	1.8563e-06	-2.0000e-05	-9.6194e-06	-3.5526e-06
379.00	1.0000e-05	2.0000e-05	-5.5409e-06	-2.0000e-05	-2.8456e-06	3.2270e-07
380.00	3.0000e-05	4.5467e-06	1.8648e-06	-2.0000e-05	1.0000e-05	5.2823e-06
381.00	-1.3764e-07	2.0000e-05	2.0000e-05	-6.8280e-06	-6.1475e-06	5.3774e-06
382.00	2.0000e-05	-5.4652e-06	3.8703e-06	-4.0000e-05	1.0000e-05	-2.3190e-06
383.00	3.0000e-05	-9.4356e-06	5.8638e-06	-4.0000e-05	2.0000e-05	1.2856e-06
384.00	4.0000e-05	1.0000e-05	-1.4422e-06	-2.0000e-05	-6.7456e-06	4.3624e-06
385.00	4.0000e-05	7.8345e-06	7.8339e-06	-4.7497e-06	3.8621e-06	1.0956e-05
386.00	3.0000e-05	-4.7278e-06	-9.3509e-06	-3.0000e-05	1.0000e-05	-8.1574e-07
387.00	1.0000e-05	6.4964e-06	2.0000e-05	-6.6958e-06	1.0000e-05	7.9601e-06
388.00	5.0000e-05	8.4638e-06	-7.9839e-06	3.1988e-06	1.8835e-06	1.1112e-05
389.00	3.0000e-05	8.4479e-06	-7.3018e-06	-2.0000e-05	-1.7730e-06	1.8746e-06
390.00	3.0000e-05	5.9544e-06	2.0000e-05	-2.5602e-07	6.0283e-06	1.2345e-05
391.00	3.0000e-05	6.7316e-06	-3.8762e-06	-1.0000e-05	2.4877e-06	5.0686e-06
392.00	1.0000e-05	-1.0409e-06	3.0000e-05	6.0193e-06	-1.0000e-05	6.9957e-06
393.00	3.0000e-05	-1.0326e-06	1.0817e-06	-4.5572e-06	2.0000e-05	9.0984e-06
394.00	2.0000e-05	3.1923e-06	-1.0000e-05	-2.0000e-05	-2.0000e-05	-5.3615e-06
395.00	4.0000e-05	1.0000e-05	8.7973e-06	2.0000e-05	3.1917e-06	1.6398e-05
396.00	2.0000e-05	-3.8052e-06	-2.0000e-05	1.0000e-05	3.1915e-06	1.8773e-06
397.00	3.0000e-05	-1.6947e-06	-4.4863e-06	-1.0000e-05	-1.0000e-05	7.6380e-07

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
398.00	4.0000e-05	3.1894e-06	1.0000e-05	-2.0000e-05	-2.9053e-07	6.5798e-06
399.00	2.0000e-05	4.5780e-06	4.0968e-07	2.0000e-05	9.4378e-06	1.0885e-05
400.00	3.0000e-05	2.0000e-05	-9.2921e-06	3.1888e-06	2.4958e-06	9.2785e-06
401.00	1.0000e-05	6.6493e-06	-9.6457e-07	2.0000e-05	-1.0000e-05	5.1369e-06
402.00	4.0000e-05	6.6412e-06	-3.0278e-06	-3.7210e-06	-2.0000e-05	3.9785e-06
403.00	4.0000e-05	2.0000e-05	5.2509e-06	-9.9099e-06	-3.0108e-06	1.0466e-05
404.00	4.0000e-05	1.0000e-05	1.0000e-05	-1.0000e-05	-3.0000e-05	4.0000e-06
405.00	3.0000e-05	2.4989e-06	1.0000e-05	-9.8627e-06	-2.4500e-07	6.4782e-06
406.00	6.6066e-06	2.0000e-05	7.2906e-06	-7.0908e-06	-3.0000e-05	-6.3872e-07
407.00	8.6498e-06	2.0000e-05	-1.6003e-06	1.0000e-05	1.1348e-06	7.6369e-06
408.00	1.0000e-05	-2.0000e-05	1.0000e-05	-3.6377e-06	-1.0000e-05	-2.7275e-06
409.00	2.0000e-05	-9.7434e-06	2.0000e-05	-1.0000e-05	-7.0162e-06	2.6481e-06
410.00	4.0000e-05	1.0000e-05	1.0000e-05	-2.0000e-05	1.0000e-05	1.0000e-05
411.00	5.2101e-06	2.0000e-05	-4.2620e-06	-1.0000e-05	-6.2876e-06	9.3210e-07
412.00	4.0000e-05	5.2046e-06	2.0000e-05	-2.0000e-05	1.1570e-06	9.2723e-06
413.00	2.0000e-05	1.0000e-05	2.0000e-05	-3.0000e-05	-5.5599e-06	2.8880e-06
414.00	2.0000e-05	-6.2049e-06	2.0000e-05	-2.8556e-06	-2.0000e-05	2.1879e-06
415.00	4.0000e-05	3.0000e-05	5.0760e-07	-6.1735e-06	-4.1625e-06	1.2034e-05
416.00	3.0000e-05	4.5072e-06	2.0000e-05	-2.0000e-05	-3.0000e-05	9.0144e-07
417.00	3.0000e-05	3.0000e-05	3.0000e-05	1.0000e-05	1.8548e-06	2.0371e-05
418.00	2.0000e-05	-5.3864e-06	2.0000e-05	-2.0000e-05	-3.0000e-05	-3.0773e-06
419.00	2.0000e-05	2.0000e-05	-9.8460e-08	-2.0000e-05	3.4257e-07	4.0488e-06
420.00	5.0000e-05	6.6023e-06	3.0000e-05	-2.0000e-05	5.2856e-06	1.4378e-05
421.00	3.0000e-05	1.0000e-05	2.0000e-05	-3.0000e-05	3.7674e-07	6.0753e-06
422.00	4.0000e-05	3.0000e-05	-5.8578e-06	-2.0000e-05	1.0909e-06	9.0466e-06
423.00	4.0000e-05	1.0000e-05	2.0000e-05	-3.0000e-05	-9.6006e-07	7.8080e-06
424.00	4.0000e-05	1.0000e-05	-9.2820e-07	-3.0000e-05	1.1239e-06	4.0391e-06
425.00	2.0000e-05	2.0000e-05	2.0000e-05	1.8179e-06	-2.0000e-05	8.3636e-06
426.00	3.0000e-05	1.0000e-05	2.0000e-05	5.8590e-06	4.9247e-07	1.3270e-05
427.00	3.0000e-05	2.0000e-05	4.4987e-06	-2.0000e-05	-4.6580e-06	5.9681e-06
428.00	3.0000e-05	2.0000e-05	5.9221e-06	-1.0000e-05	1.0000e-05	1.1184e-05
429.00	2.0000e-05	1.0000e-05	-1.0000e-05	-2.0000e-05	-7.9429e-06	-1.5886e-06
430.00	7.0000e-05	3.0000e-05	3.0000e-05	-2.0000e-05	-2.5423e-07	2.1949e-05
431.00	4.0000e-05	3.0000e-05	-4.2618e-06	-9.6717e-06	-1.0000e-05	9.2133e-06
432.00	4.0000e-05	2.0000e-05	1.0000e-05	-1.0000e-05	-2.8111e-06	1.1438e-05
433.00	2.0000e-05	2.0000e-05	-3.5805e-07	-4.5969e-06	-3.1767e-06	6.3737e-06
434.00	3.0000e-05	-3.7587e-06	3.1709e-06	1.0000e-05	-8.6022e-06	6.1620e-06
435.00	3.0000e-05	-2.2920e-07	6.5734e-06	-2.0000e-05	6.5705e-06	4.5829e-06
436.00	3.0000e-05	-1.0000e-05	3.8468e-07	-1.0000e-05	7.3465e-06	3.5462e-06
437.00	4.0000e-05	-1.0000e-05	1.7755e-06	2.0000e-05	3.8135e-07	1.0431e-05
438.00	2.0000e-05	-1.0000e-05	6.5831e-06	1.0000e-05	-9.7923e-06	3.3582e-06
439.00	1.0000e-05	-4.2015e-07	2.4516e-06	-1.0000e-05	3.1699e-06	1.0403e-06
440.00	4.0000e-05	1.0000e-05	-1.7471e-06	2.4672e-06	2.4679e-06	1.0638e-05
441.00	2.0000e-05	1.0000e-05	-2.6541e-07	-3.0000e-05	-2.0000e-05	-4.0531e-06
442.00	4.0000e-05	1.0000e-05	1.0000e-05	-1.7395e-06	-5.0000e-05	1.6521e-06
443.00	5.0000e-05	1.0000e-05	-1.0377e-06	-1.0000e-05	-2.0000e-05	5.7925e-06
444.00	3.0000e-05	-2.0000e-05	-2.6223e-07	2.0000e-05	-3.0000e-05	-5.2446e-08
445.00	4.0000e-05	-1.0000e-05	-1.5352e-06	1.0000e-05	-3.0000e-05	1.6930e-06
446.00	1.0000e-05	6.6128e-06	1.0000e-05	5.9250e-06	-2.0000e-05	2.5076e-06

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
447.00	3.0000e-05	-1.6783e-06	3.0000e-05	-4.4508e-06	-2.0000e-05	6.7742e-06
448.00	9.9672e-06	-1.0000e-05	-9.1384e-07	3.8486e-06	-2.0000e-05	-3.4196e-06
449.00	3.0000e-05	2.4977e-06	3.0000e-05	2.0000e-05	-2.0000e-05	1.2500e-05
450.00	3.8569e-06	1.0000e-05	3.0000e-05	-6.4972e-06	-3.0000e-05	1.4719e-06
451.00	1.7729e-06	2.0000e-05	2.0000e-05	-2.4107e-06	-2.0000e-05	3.8724e-06
452.00	4.0000e-05	1.0000e-05	9.3575e-06	-2.0000e-05	-2.0000e-05	3.8715e-06
453.00	1.0000e-05	4.0000e-05	4.0000e-05	-2.0000e-05	-2.0000e-05	1.0000e-05
454.00	3.0000e-05	5.0000e-05	3.0000e-05	6.5264e-06	-4.0000e-05	1.5305e-05
455.00	2.0000e-05	8.4843e-06	4.0000e-05	-2.0000e-05	-8.1832e-07	9.5332e-06
456.00	2.0000e-05	-3.4148e-06	1.8502e-06	-1.0000e-05	2.0000e-05	5.6871e-06
457.00	2.0000e-05	1.0000e-05	3.0000e-05	-2.0000e-05	-1.3984e-06	7.7203e-06
458.00	2.0000e-05	2.5201e-06	3.0000e-05	-8.4843e-06	2.0000e-05	1.2807e-05
459.00	3.0000e-05	-1.0000e-05	4.0000e-05	5.7386e-06	8.3043e-06	1.4809e-05
460.00	6.9957e-06	5.0820e-06	3.0000e-05	-3.0000e-05	-4.4880e-06	1.5179e-06
461.00	2.0000e-05	6.3394e-06	3.0000e-05	-2.0000e-05	-1.0000e-05	5.2679e-06
462.00	3.0000e-05	2.0000e-05	3.0000e-05	-8.2043e-06	-1.0000e-05	1.2359e-05
463.00	1.0000e-05	2.0000e-05	3.0000e-05	-2.0000e-05	-1.0000e-05	6.0000e-06
464.00	1.0000e-05	3.0000e-05	4.0000e-05	-7.4989e-06	-6.2348e-06	1.3253e-05
465.00	2.0000e-05	4.4190e-06	3.0000e-05	1.0000e-05	-2.0000e-05	8.8838e-06
466.00	4.3420e-08	2.0000e-05	4.0000e-05	-1.0000e-05	-1.8286e-06	9.6430e-06
467.00	4.0000e-05	2.0000e-05	2.0000e-05	-3.0000e-05	9.4144e-06	1.1883e-05
468.00	2.0000e-05	2.0000e-05	1.0000e-05	-2.0000e-05	8.1681e-06	7.6336e-06
469.00	4.0000e-05	-3.7147e-06	2.0000e-05	-2.0000e-05	6.2969e-06	8.5164e-06
470.00	3.0000e-05	4.0000e-05	2.0000e-05	-2.0000e-05	6.9317e-06	1.5386e-05
471.00	3.0000e-05	7.5695e-06	4.0000e-05	-2.0000e-05	8.8248e-06	1.3279e-05
472.00	3.0000e-05	1.0000e-05	3.0000e-05	-2.0000e-05	-1.0000e-05	8.0000e-06
473.00	2.0000e-05	4.4379e-06	2.0000e-05	-3.8018e-06	2.5372e-06	8.6347e-06
474.00	3.0000e-05	2.0000e-05	-2.5565e-06	6.2332e-07	6.9859e-06	1.1011e-05
475.00	4.0000e-05	3.0000e-05	-4.5045e-06	3.8110e-06	-2.0000e-05	9.8613e-06
476.00	4.0000e-05	1.0000e-05	2.0000e-05	-7.7632e-06	-7.1118e-06	1.1025e-05
477.00	4.0000e-05	2.0000e-05	7.6985e-06	-9.1190e-06	-1.0000e-05	9.7159e-06
478.00	3.0000e-05	1.0000e-05	-1.7876e-06	-1.7886e-06	-2.0000e-05	3.2848e-06
479.00	3.0000e-05	2.0000e-05	1.0000e-05	2.5625e-06	-1.0000e-05	1.0513e-05
480.00	9.3034e-06	-6.6380e-06	1.0000e-05	-2.0000e-05	-2.0000e-05	-5.4669e-06
481.00	4.0000e-05	-7.3209e-06	1.0000e-05	8.7353e-06	-3.0000e-05	4.2829e-06
482.00	2.0000e-05	6.8793e-07	1.0000e-05	-1.0000e-05	-5.5253e-06	3.0325e-06
483.00	4.0000e-05	1.0000e-05	1.0000e-05	1.0000e-05	-8.0848e-06	1.2383e-05
484.00	2.0000e-05	-3.7542e-06	2.0000e-05	5.0656e-06	-6.9023e-06	6.8818e-06
485.00	3.0000e-05	1.2720e-06	1.0000e-05	3.1752e-06	-2.0000e-05	4.8894e-06
486.00	3.0000e-05	-1.0000e-05	2.0000e-05	-9.6054e-06	-4.0000e-05	-1.9211e-06
487.00	3.0000e-05	-7.1137e-06	3.0000e-05	5.7492e-06	-1.0000e-05	9.7271e-06
488.00	1.0000e-05	1.9406e-06	8.7367e-06	-1.0000e-05	-3.0000e-05	-3.8645e-06
489.00	1.0000e-05	3.7857e-06	9.2601e-06	5.6119e-06	-1.0000e-05	3.7315e-06
490.00	3.0000e-05	-7.8412e-06	2.0000e-05	1.3402e-06	-2.0000e-05	4.6998e-06
491.00	2.0000e-05	1.0000e-05	3.0000e-05	-1.0000e-05	-6.6773e-06	8.6645e-06
492.00	1.0000e-05	2.5583e-06	3.0000e-05	-1.7846e-06	-4.0000e-05	1.5474e-07
493.00	2.0000e-05	-6.8058e-06	4.0000e-05	-4.3129e-06	-9.9225e-06	7.7918e-06
494.00	4.0000e-05	3.8081e-06	1.0000e-05	-8.1338e-06	-2.0000e-05	5.1349e-06
495.00	1.0000e-05	1.0000e-05	4.0000e-05	1.9157e-06	-1.0000e-05	1.0383e-05

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
496.00	6.3589e-06	2.4356e-09	3.0000e-05	-3.0000e-05	-4.4455e-06	3.8317e-07
497.00	2.0000e-05	1.2625e-06	3.0000e-05	-2.0000e-05	-2.0000e-05	2.2525e-06
498.00	1.0000e-05	-1.0000e-05	2.0000e-05	-7.1119e-06	-2.0000e-05	-1.4224e-06
499.00	4.0000e-05	9.2389e-06	2.0000e-05	-2.0000e-05	-2.0000e-05	5.8478e-06
500.00	2.0000e-05	1.0000e-05	3.0000e-05	-5.9610e-06	-1.0000e-05	8.8078e-06
501.00	2.0000e-05	1.0000e-05	3.0000e-05	-2.0000e-05	-8.4548e-06	6.3090e-06
502.00	1.0000e-05	1.0000e-05	2.0000e-05	-2.0000e-05	-3.0000e-05	-2.0000e-06
503.00	4.0000e-05	9.3757e-06	4.0000e-05	-2.0000e-05	-1.7683e-06	1.3521e-05
504.00	4.0000e-05	7.0872e-08	2.0000e-05	-2.0000e-05	-1.1729e-06	7.7796e-06
505.00	5.6026e-08	2.0000e-05	2.0000e-05	1.9322e-06	-6.8244e-06	7.0328e-06
506.00	3.0000e-05	3.0000e-05	4.0000e-05	-2.0000e-05	-1.0000e-05	1.4000e-05
507.00	4.0000e-05	7.6104e-06	2.0000e-05	-1.0000e-05	-3.1351e-06	1.0895e-05
508.00	1.0000e-05	1.0000e-05	4.0000e-05	-4.4462e-06	-8.8834e-06	9.3341e-06
509.00	2.0000e-05	1.0000e-05	3.0000e-05	-1.0000e-05	1.0000e-05	1.2000e-05
510.00	3.0000e-05	1.9019e-06	5.0000e-05	-4.5192e-06	-2.0000e-05	1.1477e-05
511.00	5.0000e-05	2.0000e-05	8.3483e-06	6.0499e-07	-6.8309e-07	1.5654e-05
512.00	3.0000e-05	-8.4862e-06	-8.4878e-06	-2.0000e-05	-5.4031e-08	-1.4056e-06
513.00	3.0000e-05	2.0000e-05	2.0000e-05	-4.4484e-06	1.2327e-06	1.3357e-05
514.00	4.0000e-05	2.0000e-05	3.0000e-05	-2.0000e-05	-4.2962e-06	1.3141e-05
515.00	1.0000e-05	3.1887e-06	3.8015e-06	-2.3268e-06	-1.0000e-05	9.3268e-07
516.00	9.9658e-06	3.0000e-05	3.0000e-05	-1.0000e-05	2.0000e-05	1.5993e-05
517.00	2.0000e-05	1.0000e-05	2.0000e-05	-2.0000e-05	-1.0000e-05	4.0000e-06
518.00	4.0000e-05	2.0000e-05	1.0000e-05	-1.0000e-05	-1.7894e-06	1.1642e-05
519.00	3.0000e-05	8.2005e-06	7.5743e-06	-3.0714e-06	-1.0000e-05	6.5407e-06
520.00	5.0000e-05	2.0000e-05	2.0000e-05	-2.4768e-06	-8.1361e-06	1.5877e-05
521.00	3.0000e-05	-2.0000e-05	1.0000e-05	6.3574e-06	-2.0000e-05	1.2715e-06
522.00	2.0000e-05	2.0000e-05	3.0000e-05	-2.0000e-05	-1.0000e-05	8.0000e-06
523.00	2.5523e-06	8.9557e-06	1.0000e-05	4.4746e-06	-3.2100e-06	4.5545e-06
524.00	2.0000e-05	8.3485e-06	2.0000e-05	2.0000e-05	-2.0000e-05	9.6697e-06
525.00	2.0000e-05	-1.8786e-06	2.0000e-05	-6.5290e-06	-1.0000e-05	4.3185e-06
526.00	1.0000e-05	2.0000e-05	3.0000e-05	-2.0000e-05	-1.0000e-05	6.0000e-06
527.00	2.0000e-05	-1.1073e-06	3.0000e-05	-4.0000e-05	-1.0000e-05	-2.2146e-07
528.00	7.5293e-06	1.0000e-05	2.0000e-05	-1.0000e-05	-3.0000e-05	-4.9414e-07
529.00	4.0000e-05	7.0681e-07	3.0000e-05	-2.0000e-05	-3.0000e-05	4.1414e-06
530.00	3.0000e-05	2.0000e-05	4.0000e-05	-2.0000e-05	-2.0000e-05	1.0000e-05
531.00	8.2459e-06	-1.0000e-05	4.0000e-05	-2.0000e-05	-2.0000e-05	-3.5082e-07
532.00	2.2907e-08	5.7430e-06	1.0000e-05	-1.0000e-05	-2.0000e-05	-2.8468e-06
533.00	7.0415e-06	5.1214e-06	3.0000e-05	-3.8425e-06	-1.0000e-05	5.6641e-06
534.00	2.0000e-05	5.1338e-06	3.0000e-05	2.0000e-05	-2.0000e-05	1.1027e-05
535.00	9.6915e-06	7.0950e-06	3.0000e-05	2.0000e-05	-1.3393e-06	1.3089e-05
536.00	3.0000e-05	-9.8769e-06	2.0000e-05	-9.2269e-06	-2.0000e-05	2.1792e-06
537.00	4.4268e-06	-1.0000e-05	3.0000e-05	-3.5221e-06	-2.0000e-05	1.8094e-07
538.00	9.9804e-06	3.0000e-05	2.0000e-05	-6.0410e-06	-2.0000e-05	6.7879e-06
539.00	2.0000e-05	-1.7655e-06	3.0000e-05	-4.8756e-06	-7.9773e-06	7.0763e-06
540.00	2.0000e-05	8.8487e-06	3.0000e-05	-8.0825e-06	1.9523e-06	1.0544e-05
541.00	2.0000e-05	-1.8571e-06	2.0000e-05	-2.0000e-05	-3.1194e-06	3.0047e-06
542.00	1.0000e-05	8.3251e-06	3.0000e-05	-6.3908e-06	-3.0000e-05	2.3869e-06
543.00	2.0000e-05	5.1493e-06	2.0000e-05	2.5595e-06	-3.0000e-05	3.5418e-06
544.00	2.0000e-05	6.3398e-06	3.0000e-05	-4.3102e-06	-5.5552e-06	9.2949e-06

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
545.00	1.0000e-05	4.4533e-06	2.0000e-05	-1.0000e-05	-1.0000e-05	2.8907e-06
546.00	2.0000e-05	-1.1975e-06	2.0000e-05	-1.0000e-05	-2.0000e-05	1.7605e-06
547.00	2.0000e-05	6.7166e-07	7.6550e-06	-2.0000e-05	3.6988e-08	1.6727e-06
548.00	4.0000e-05	-6.1916e-07	4.0000e-05	-1.0000e-05	-6.3601e-06	1.2604e-05
549.00	3.0000e-05	2.0000e-05	2.0000e-05	-1.0000e-05	5.1362e-06	1.3027e-05
550.00	3.0000e-05	2.0000e-05	5.0000e-05	-1.0000e-05	-1.1695e-08	1.7998e-05
551.00	3.0000e-05	1.0000e-05	3.0000e-05	-3.0000e-05	-1.0000e-05	6.0000e-06
552.00	4.0000e-05	2.0000e-05	5.0000e-05	-2.0000e-05	-2.0000e-05	1.4000e-05
553.00	4.0000e-05	7.1412e-06	4.0000e-05	-2.0000e-05	2.0000e-05	1.7428e-05
554.00	5.0000e-05	4.0000e-05	5.0000e-05	-4.0239e-06	2.0000e-05	3.1195e-05
555.00	5.0000e-05	3.0000e-05	5.0000e-05	-2.0000e-05	6.5216e-06	2.3304e-05
556.00	6.0000e-05	4.0000e-05	5.0000e-05	7.6302e-06	2.0000e-05	3.5526e-05
557.00	6.0000e-05	4.0000e-05	6.0000e-05	2.0000e-05	3.0000e-05	4.2000e-05
558.00	9.0000e-05	6.0000e-05	7.0000e-05	3.0000e-05	5.0000e-05	6.0000e-05
559.00	1.0000e-04	1.0000e-04	9.0000e-05	6.0000e-05	8.0000e-05	8.6000e-05
560.00	0.00011000	0.00013000	0.00016000	1.0000e-04	1.0000e-04	0.00012000
561.00	0.00019000	0.00020000	0.00019000	0.00017000	0.00017000	0.00018400
562.00	0.00032000	0.00032000	0.00030000	0.00023000	0.00025000	0.00028400
563.00	0.00050000	0.00053000	0.00046000	0.00041000	0.00044000	0.00046800
564.00	0.00077000	0.00087000	0.00078000	0.00070000	0.00074000	0.00077200
565.00	0.0013100	0.0015400	0.0013000	0.0012000	0.0012100	0.0013120
566.00	0.0023200	0.0026500	0.0022700	0.0020700	0.0020200	0.0022660
567.00	0.0042100	0.0049000	0.0041100	0.0038100	0.0041500	0.0042360
568.00	0.0078700	0.0093300	0.0076900	0.0071600	0.0079700	0.0080040
569.00	0.015380	0.018470	0.015030	0.014020	0.013720	0.015324
570.00	0.030410	0.036720	0.029480	0.027350	0.025100	0.029812
571.00	0.062480	0.075560	0.060360	0.056130	0.060360	0.062978
572.00	0.12618	0.15082	0.12218	0.11468	0.12821	0.12841
573.00	0.23598	0.27467	0.23216	0.21822	0.21867	0.23594
574.00	0.38417	0.43097	0.38485	0.36546	0.35453	0.38400
575.00	0.53428	0.57807	0.54510	0.52363	0.53581	0.54338
576.00	0.64530	0.67870	0.66809	0.64784	0.66572	0.66113
577.00	0.70793	0.73355	0.73938	0.72242	0.72337	0.72533
578.00	0.74363	0.76530	0.77907	0.76412	0.76633	0.76369
579.00	0.76943	0.78992	0.80789	0.79224	0.79374	0.79064
580.00	0.78835	0.80967	0.82991	0.81348	0.81200	0.81068
581.00	0.79837	0.82063	0.84310	0.82459	0.82564	0.82247
582.00	0.79748	0.82165	0.84527	0.82488	0.82513	0.82288
583.00	0.78612	0.81153	0.83492	0.81320	0.81476	0.81211
584.00	0.76787	0.79381	0.81611	0.79448	0.79728	0.79391
585.00	0.74843	0.77393	0.79473	0.77366	0.77426	0.77300
586.00	0.73098	0.75591	0.77537	0.75518	0.75416	0.75432
587.00	0.71654	0.74064	0.75894	0.73927	0.74100	0.73928
588.00	0.70621	0.73010	0.74760	0.72851	0.73430	0.72934
589.00	0.69823	0.72231	0.73964	0.72002	0.72515	0.72107
590.00	0.69196	0.71600	0.73344	0.71338	0.71123	0.71320
591.00	0.68586	0.70956	0.72725	0.70747	0.70195	0.70642
592.00	0.68153	0.70467	0.72221	0.70301	0.70866	0.70402
593.00	0.68038	0.70280	0.72029	0.70135	0.71662	0.70429

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
594.00	0.68386	0.70491	0.72284	0.70506	0.70968	0.70527
595.00	0.69429	0.71390	0.73093	0.71604	0.70304	0.71164
596.00	0.71153	0.72995	0.74637	0.73303	0.72191	0.72856
597.00	0.73412	0.75280	0.76841	0.75522	0.76035	0.75418
598.00	0.76046	0.78021	0.79570	0.78214	0.79350	0.78240
599.00	0.78757	0.80819	0.82355	0.80937	0.81287	0.80831
600.00	0.81026	0.83256	0.84672	0.83139	0.82908	0.83000
601.00	0.82520	0.84923	0.86242	0.84529	0.84463	0.84535
602.00	0.83170	0.85614	0.86884	0.85048	0.85154	0.85174
603.00	0.83110	0.85502	0.86722	0.84809	0.85045	0.85038
604.00	0.82516	0.84788	0.85957	0.84131	0.84590	0.84396
605.00	0.81763	0.83836	0.85036	0.83324	0.83786	0.83549
606.00	0.81023	0.82908	0.84085	0.82541	0.82894	0.82690
607.00	0.80449	0.82180	0.83387	0.81965	0.82562	0.82109
608.00	0.80126	0.81731	0.83002	0.81631	0.82537	0.81805
609.00	0.79951	0.81535	0.82824	0.81533	0.81995	0.81568
610.00	0.79905	0.81507	0.82790	0.81507	0.81218	0.81385
611.00	0.79853	0.81587	0.82848	0.81517	0.81218	0.81405
612.00	0.79861	0.81726	0.82942	0.81478	0.82044	0.81610
613.00	0.79880	0.81832	0.83073	0.81509	0.82521	0.81763
614.00	0.79961	0.81977	0.83145	0.81600	0.82109	0.81758
615.00	0.80109	0.82217	0.83292	0.81729	0.81652	0.81800
616.00	0.80348	0.82526	0.83524	0.81923	0.81978	0.82060
617.00	0.80777	0.82986	0.83925	0.82284	0.82878	0.82570
618.00	0.81301	0.83511	0.84401	0.82781	0.83570	0.83113
619.00	0.81892	0.84102	0.84992	0.83383	0.83968	0.83667
620.00	0.82570	0.84728	0.85604	0.84011	0.84370	0.84257
621.00	0.83194	0.85341	0.86238	0.84623	0.84871	0.84853
622.00	0.83715	0.85847	0.86786	0.85106	0.85326	0.85356
623.00	0.84030	0.86165	0.87173	0.85460	0.85796	0.85725
624.00	0.84225	0.86293	0.87345	0.85606	0.86285	0.85951
625.00	0.84212	0.86264	0.87384	0.85616	0.86515	0.85998
626.00	0.84032	0.86066	0.87162	0.85434	0.86064	0.85752
627.00	0.83652	0.85645	0.86792	0.85084	0.85284	0.85291
628.00	0.83168	0.85132	0.86306	0.84629	0.84874	0.84822
629.00	0.82660	0.84588	0.85775	0.84130	0.84768	0.84384
630.00	0.82177	0.84067	0.85234	0.83671	0.84377	0.83905
631.00	0.81769	0.83569	0.84718	0.83299	0.83458	0.83363
632.00	0.81526	0.83283	0.84405	0.83090	0.82908	0.83042
633.00	0.81446	0.83115	0.84225	0.82988	0.83220	0.82999
634.00	0.81610	0.83194	0.84290	0.83119	0.83942	0.83231
635.00	0.81919	0.83460	0.84475	0.83431	0.84063	0.83470
636.00	0.82322	0.83877	0.84838	0.83858	0.83728	0.83725
637.00	0.82872	0.84440	0.85385	0.84399	0.83958	0.84211
638.00	0.83364	0.84977	0.85928	0.84790	0.84993	0.84810
639.00	0.83680	0.85400	0.86344	0.85056	0.85829	0.85262
640.00	0.83852	0.85654	0.86536	0.85173	0.85725	0.85388
641.00	0.83801	0.85672	0.86536	0.85076	0.85112	0.85239
642.00	0.83505	0.85470	0.86296	0.84704	0.84975	0.84990

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
643.00	0.83098	0.85081	0.85834	0.84143	0.85205	0.84672
644.00	0.82586	0.84584	0.85250	0.83562	0.84846	0.84166
645.00	0.82178	0.84146	0.84725	0.83129	0.83636	0.83563
646.00	0.81871	0.83771	0.84306	0.82791	0.82652	0.83078
647.00	0.81812	0.83616	0.84133	0.82668	0.82843	0.83014
648.00	0.81958	0.83686	0.84169	0.82770	0.83800	0.83277
649.00	0.82331	0.84013	0.84472	0.83186	0.84379	0.83676
650.00	0.82782	0.84445	0.84921	0.83727	0.84232	0.84021
651.00	0.83370	0.85066	0.85582	0.84374	0.84326	0.84544
652.00	0.83990	0.85673	0.86334	0.85070	0.85224	0.85258
653.00	0.84600	0.86275	0.87065	0.85733	0.86451	0.86025
654.00	0.85266	0.86915	0.87757	0.86472	0.87267	0.86735
655.00	0.85797	0.87484	0.88330	0.87137	0.87468	0.87243
656.00	0.86341	0.87966	0.88921	0.87718	0.87773	0.87744
657.00	0.86843	0.88461	0.89470	0.88251	0.88422	0.88289
658.00	0.87219	0.88819	0.89784	0.88600	0.88971	0.88679
659.00	0.87459	0.89029	0.90000	0.88776	0.89157	0.88884
660.00	0.87379	0.89033	0.89975	0.88693	0.89025	0.88821
661.00	0.86995	0.88736	0.89626	0.88255	0.88834	0.88489
662.00	0.86283	0.88145	0.88987	0.87493	0.88307	0.87843
663.00	0.85340	0.87289	0.88088	0.86465	0.87075	0.86851
664.00	0.84279	0.86262	0.86992	0.85348	0.85534	0.85683
665.00	0.83300	0.85261	0.85982	0.84282	0.84418	0.84649
666.00	0.82414	0.84361	0.84987	0.83317	0.83958	0.83807
667.00	0.81888	0.83738	0.84308	0.82706	0.83846	0.83297
668.00	0.81726	0.83492	0.83960	0.82566	0.83652	0.83079
669.00	0.81987	0.83589	0.84006	0.82800	0.83300	0.83136
670.00	0.82635	0.84116	0.84482	0.83388	0.83506	0.83625
671.00	0.83589	0.84917	0.85291	0.84305	0.84492	0.84519
672.00	0.84623	0.85923	0.86263	0.85345	0.85934	0.85618
673.00	0.85704	0.86972	0.87278	0.86451	0.87186	0.86718
674.00	0.86707	0.87972	0.88330	0.87520	0.88014	0.87709
675.00	0.87498	0.88791	0.89258	0.88373	0.88684	0.88521
676.00	0.88076	0.89402	0.89966	0.89020	0.89333	0.89159
677.00	0.88469	0.89850	0.90475	0.89477	0.89966	0.89647
678.00	0.88668	0.90107	0.90808	0.89755	0.90220	0.89912
679.00	0.88726	0.90189	0.90957	0.89898	0.90224	0.89999
680.00	0.88794	0.90239	0.91033	0.89961	0.90267	0.90059
681.00	0.88747	0.90183	0.90983	0.89929	0.90331	0.90035
682.00	0.88646	0.90020	0.90865	0.89778	0.90314	0.89925
683.00	0.88499	0.89889	0.90713	0.89674	0.90000	0.89755
684.00	0.88258	0.89627	0.90438	0.89376	0.89534	0.89447
685.00	0.87892	0.89291	0.90029	0.88955	0.89272	0.89088
686.00	0.87474	0.88854	0.89620	0.88502	0.89170	0.88724
687.00	0.86904	0.88325	0.89054	0.87907	0.88778	0.88194
688.00	0.86304	0.87744	0.88477	0.87307	0.87898	0.87546
689.00	0.85696	0.87103	0.87830	0.86688	0.86750	0.86813
690.00	0.85009	0.86431	0.87169	0.85979	0.85843	0.86086
691.00	0.84332	0.85768	0.86498	0.85291	0.85592	0.85496

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
692.00	0.83783	0.85194	0.85934	0.84755	0.85649	0.85063
693.00	0.83316	0.84676	0.85407	0.84303	0.85449	0.84630
694.00	0.83013	0.84306	0.85073	0.84064	0.84809	0.84253
695.00	0.82906	0.84104	0.84885	0.83947	0.84036	0.83976
696.00	0.83023	0.84126	0.84939	0.84027	0.83714	0.83966
697.00	0.83313	0.84383	0.85171	0.84345	0.84099	0.84262
698.00	0.83920	0.84880	0.85664	0.84928	0.85103	0.84899
699.00	0.84605	0.85525	0.86276	0.85611	0.86186	0.85641
700.00	0.85435	0.86371	0.87085	0.86479	0.87105	0.86495
701.00	0.86252	0.87182	0.87873	0.87305	0.87712	0.87265
702.00	0.87007	0.88000	0.88694	0.88047	0.88285	0.88007
703.00	0.87598	0.88721	0.89352	0.88627	0.88768	0.88613
704.00	0.88085	0.89264	0.89856	0.89036	0.89266	0.89101
705.00	0.88331	0.89606	0.90195	0.89316	0.89641	0.89418
706.00	0.88464	0.89835	0.90398	0.89418	0.89839	0.89591
707.00	0.88457	0.89915	0.90460	0.89433	0.89933	0.89640
708.00	0.88389	0.89896	0.90399	0.89329	0.89915	0.89586
709.00	0.88149	0.89726	0.90224	0.89113	0.89670	0.89376
710.00	0.87705	0.89331	0.89871	0.88642	0.89250	0.88960
711.00	0.87075	0.88731	0.89291	0.87994	0.88518	0.88322
712.00	0.86198	0.87932	0.88542	0.87143	0.87505	0.87464
713.00	0.85020	0.86774	0.87368	0.85936	0.86156	0.86251
714.00	0.83731	0.85497	0.86053	0.84635	0.84944	0.84972
715.00	0.82598	0.84283	0.84754	0.83454	0.84045	0.83827
716.00	0.81756	0.83261	0.83714	0.82639	0.83614	0.82997
717.00	0.81569	0.82812	0.83280	0.82503	0.83716	0.82776
718.00	0.82098	0.83152	0.83578	0.83082	0.84095	0.83201
719.00	0.83047	0.84135	0.84630	0.84235	0.84639	0.84137
720.00	0.83702	0.85317	0.86133	0.85187	0.85378	0.85143
721.00	0.82258	0.85338	0.86784	0.84230	0.85161	0.84754
722.00	0.76640	0.82043	0.84383	0.79202	0.81406	0.80735
723.00	0.65947	0.73707	0.76898	0.68834	0.71750	0.71427
724.00	0.51398	0.60311	0.63955	0.54230	0.56670	0.57313
725.00	0.36390	0.44557	0.47872	0.38656	0.40177	0.41530
726.00	0.24278	0.30604	0.33120	0.25835	0.26957	0.28159
727.00	0.15719	0.20058	0.21782	0.16739	0.17750	0.18410
728.00	0.10128	0.12926	0.14048	0.10791	0.11788	0.11936
729.00	0.065710	0.083350	0.090420	0.070210	0.078740	0.077686
730.00	0.044020	0.055250	0.059830	0.046970	0.053190	0.051852
731.00	0.030540	0.037860	0.041030	0.032610	0.036370	0.035682
732.00	0.021560	0.026430	0.028630	0.022980	0.024920	0.024904
733.00	0.015620	0.018930	0.020440	0.016590	0.017410	0.017798
734.00	0.011630	0.013980	0.015080	0.012290	0.012620	0.013120
735.00	0.0088500	0.010560	0.011400	0.0093600	0.0094500	0.0099240
736.00	0.0068300	0.0080600	0.0087100	0.0071800	0.0072500	0.0076060
737.00	0.0053000	0.0062400	0.0067200	0.0055800	0.0056800	0.0059040
738.00	0.0041900	0.0049000	0.0052800	0.0043800	0.0045700	0.0046640
739.00	0.0033100	0.0038500	0.0041800	0.0034700	0.0037200	0.0037060
740.00	0.0026000	0.0030400	0.0032500	0.0027500	0.0029800	0.0029240

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
741.00	0.0020700	0.0023800	0.0025900	0.0021300	0.0023600	0.0023060
742.00	0.0016100	0.0018600	0.0020200	0.0016700	0.0018400	0.0018000
743.00	0.0012500	0.0014300	0.0015800	0.0013000	0.0014300	0.0013980
744.00	0.00097000	0.0011200	0.0012100	0.00099000	0.0010800	0.0010740
745.00	0.00076000	0.00087000	0.00091000	0.00076000	0.00081000	0.00082200
746.00	0.00060000	0.00067000	0.00073000	0.00059000	0.00065000	0.00064800
747.00	0.00050000	0.00053000	0.00055000	0.00046000	0.00049000	0.00050600
748.00	0.00037000	0.00042000	0.00045000	0.00037000	0.00042000	0.00040600
749.00	0.00033000	0.00032000	0.00036000	0.00027000	0.00034000	0.00032400
750.00	0.00024000	0.00027000	0.00029000	0.00023000	0.00028000	0.00026200
751.00	0.00021000	0.00024000	0.00025000	0.00019000	0.00023000	0.00022400
752.00	0.00019000	0.00021000	0.00022000	0.00017000	0.00019000	0.00019600
753.00	0.00017000	0.00016000	0.00019000	0.00015000	0.00018000	0.00017000
754.00	0.00016000	0.00015000	0.00017000	0.00011000	0.00015000	0.00014800
755.00	0.00016000	0.00012000	0.00014000	0.00011000	0.00014000	0.00013400
756.00	0.00013000	0.00012000	0.00015000	1.0000e-04	0.00015000	0.00013000
757.00	0.00015000	8.0000e-05	0.00013000	8.0000e-05	0.00014000	0.00011600
758.00	0.00012000	9.0000e-05	0.00013000	9.0000e-05	0.00016000	0.00011800
759.00	0.00013000	1.0000e-04	0.00012000	9.0000e-05	0.00012000	0.00011200
760.00	0.00012000	1.0000e-04	0.00012000	9.0000e-05	0.00013000	0.00011200
761.00	1.0000e-04	9.0000e-05	1.0000e-04	8.0000e-05	1.0000e-04	9.4000e-05
762.00	0.00011000	8.0000e-05	9.0000e-05	8.0000e-05	1.0000e-04	9.2000e-05
763.00	0.00011000	8.0000e-05	9.0000e-05	6.0000e-05	1.0000e-04	8.8000e-05
764.00	9.0000e-05	5.0000e-05	7.0000e-05	5.0000e-05	9.0000e-05	7.0000e-05
765.00	8.0000e-05	5.0000e-05	5.0000e-05	5.0000e-05	7.0000e-05	6.0000e-05
766.00	8.0000e-05	3.0000e-05	5.0000e-05	5.0000e-05	5.0000e-05	5.2000e-05
767.00	5.0000e-05	5.0000e-05	6.0000e-05	5.0000e-05	4.0000e-05	5.0000e-05
768.00	3.0000e-05	2.0000e-05	6.0000e-05	3.0000e-05	3.0000e-05	3.4000e-05
769.00	6.0000e-05	2.0000e-05	4.0000e-05	5.0000e-05	6.0000e-05	4.6000e-05
770.00	5.0000e-05	1.0000e-05	2.0000e-05	4.0000e-05	5.0000e-05	3.4000e-05
771.00	3.0000e-05	3.3500e-06	6.0000e-05	5.0000e-05	7.0000e-05	4.2670e-05
772.00	4.0000e-05	-3.2075e-06	3.0000e-05	5.0000e-05	5.0000e-05	3.3358e-05
773.00	3.0000e-05	1.0000e-05	4.0000e-05	1.0000e-05	2.0000e-05	2.2000e-05
774.00	4.0000e-05	7.7538e-09	3.0000e-05	3.0000e-05	2.0000e-05	2.4002e-05
775.00	4.0000e-05	-8.0525e-06	4.0000e-05	7.7893e-06	4.0000e-05	2.3947e-05
776.00	3.0000e-05	7.5911e-07	5.0000e-05	3.0000e-05	3.0000e-05	2.8152e-05
777.00	4.0000e-05	8.0084e-06	5.0000e-05	2.0000e-05	4.0000e-05	3.1602e-05
778.00	4.0371e-06	2.0000e-05	3.0000e-05	3.0000e-05	1.0000e-05	1.8807e-05
779.00	5.0000e-05	-8.7977e-06	2.0000e-05	3.0000e-05	5.0000e-05	2.8240e-05
780.00	1.0000e-05	2.7036e-06	3.0000e-05	7.9431e-06	3.0000e-05	1.6129e-05
781.00	5.3675e-06	8.0471e-06	4.0000e-05	1.0000e-05	4.0000e-05	2.0683e-05
782.00	4.0000e-05	2.0000e-05	5.0000e-05	4.0000e-05	4.0000e-05	3.8000e-05
783.00	3.0000e-05	1.0000e-05	3.0000e-05	9.7474e-06	3.0000e-05	2.1949e-05
784.00	3.0000e-05	3.3623e-06	3.0000e-05	6.6311e-06	4.0000e-05	2.1999e-05
785.00	4.0000e-05	2.0000e-05	3.0000e-05	2.0000e-05	5.0000e-05	3.2000e-05
786.00	6.0000e-05	-1.1584e-06	7.2412e-06	2.0000e-05	4.0000e-05	2.5217e-05
787.00	3.0000e-05	1.0000e-05	4.0000e-05	2.0000e-05	5.0000e-05	3.0000e-05
788.00	3.0000e-05	1.3937e-06	3.0000e-05	2.0000e-05	2.0000e-05	2.0279e-05
789.00	3.0000e-05	-7.3922e-06	3.0000e-05	-7.3861e-06	3.0000e-05	1.5044e-05

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
790.00	4.0000e-05	1.0000e-05	2.0000e-05	-1.8489e-06	4.0000e-05	2.1630e-05
791.00	4.0000e-05	-5.0811e-06	9.2201e-06	1.0000e-05	3.0000e-05	1.6828e-05
792.00	2.0000e-05	2.0000e-05	3.0000e-05	1.0000e-05	3.0000e-05	2.2000e-05
793.00	5.0000e-05	2.0000e-05	2.0000e-05	-8.1630e-06	2.0000e-05	2.0367e-05
794.00	5.0000e-05	-2.0000e-05	2.0000e-05	5.3360e-06	2.0000e-05	1.5067e-05
795.00	3.0000e-05	9.8845e-06	2.0000e-05	-5.3539e-07	3.0000e-05	1.7870e-05
796.00	7.0000e-05	2.7077e-06	3.0000e-05	7.3628e-06	4.0000e-05	3.0014e-05
797.00	5.0000e-05	6.7681e-06	4.0000e-05	-7.0019e-07	3.0000e-05	2.5214e-05
798.00	4.0000e-05	2.0000e-05	1.0000e-05	2.6803e-06	3.0000e-05	2.0536e-05
799.00	2.0000e-05	2.0000e-05	-1.0000e-05	-2.0000e-05	1.0000e-05	4.0000e-06
800.00	5.0000e-05	-1.8177e-06	2.0000e-05	9.2247e-06	4.0000e-05	2.3481e-05
801.00	7.2931e-06	7.7543e-07	2.0000e-05	8.5888e-06	3.0000e-05	1.3331e-05
802.00	2.0000e-05	1.0000e-05	6.6449e-06	4.0316e-06	2.0000e-05	1.2135e-05
803.00	2.0000e-05	2.0000e-05	3.0000e-05	2.0000e-05	4.0000e-05	2.6000e-05
804.00	3.0000e-05	-7.1493e-06	7.3345e-06	-7.8058e-06	3.0000e-05	1.0476e-05
805.00	3.0000e-05	3.0000e-05	3.0000e-05	-3.2260e-06	2.0000e-05	2.1355e-05
806.00	2.0000e-05	6.7041e-06	2.0000e-05	2.7165e-06	2.0000e-05	1.3884e-05
807.00	5.0000e-05	-1.0000e-05	2.0000e-05	2.0000e-05	3.0000e-05	2.2000e-05
808.00	6.0000e-05	7.4198e-06	6.0755e-06	-7.3807e-06	3.0000e-05	1.9223e-05
809.00	3.0000e-05	2.0000e-05	-1.0000e-05	4.0591e-06	1.0000e-05	1.0812e-05
810.00	4.0000e-05	2.0000e-05	2.0000e-05	2.0000e-05	2.0000e-05	2.4000e-05
811.00	5.0000e-05	1.0000e-05	6.1309e-06	4.0695e-06	5.0000e-05	2.4040e-05
812.00	4.0000e-05	3.0000e-05	3.0000e-05	-7.6669e-07	4.0000e-05	2.7847e-05
813.00	5.0000e-05	3.0000e-05	2.0000e-05	-4.9778e-06	4.0000e-05	2.7004e-05
814.00	5.0000e-05	2.0000e-05	6.6257e-06	4.6804e-06	3.0000e-05	2.2261e-05
815.00	6.0000e-05	5.3435e-06	4.0374e-06	1.4257e-06	4.0000e-05	2.2161e-05
816.00	4.0000e-05	9.3124e-06	2.0000e-05	-1.2239e-06	2.0000e-05	1.7618e-05
817.00	5.0000e-05	1.0000e-05	3.0000e-05	-9.2290e-06	3.0000e-05	2.2154e-05
818.00	4.0000e-05	2.0000e-05	1.0000e-05	-1.0000e-05	3.0000e-05	1.8000e-05
819.00	3.0000e-05	8.1083e-06	2.0000e-05	1.0000e-05	4.0000e-05	2.1622e-05
820.00	6.0000e-05	-1.0000e-05	4.0000e-05	6.6470e-07	3.0000e-05	2.4133e-05
821.00	4.0000e-05	2.7005e-06	4.0736e-06	9.5645e-06	3.0000e-05	1.7268e-05
822.00	4.0000e-05	9.6086e-08	2.0000e-05	2.0000e-05	3.0000e-05	2.2019e-05
823.00	6.0000e-05	-1.0000e-05	6.6252e-06	7.9515e-07	2.0000e-05	1.5484e-05
824.00	4.0000e-05	2.0000e-05	5.3475e-06	4.6943e-06	3.0000e-05	2.0008e-05
825.00	4.0000e-05	-1.0000e-05	4.7067e-06	2.0000e-05	4.0000e-05	1.8941e-05
826.00	3.0000e-05	-1.2644e-06	1.0000e-05	-5.2563e-06	4.0000e-05	1.4696e-05
827.00	6.0000e-05	3.3887e-06	2.0000e-05	6.7452e-06	3.0000e-05	2.4027e-05
828.00	4.0000e-05	2.0000e-05	3.0000e-05	2.0000e-05	2.0000e-05	2.6000e-05
829.00	3.0000e-05	-9.5990e-06	4.0000e-05	-4.8134e-06	5.0000e-05	2.1118e-05
830.00	3.0000e-05	5.4566e-06	2.0000e-05	8.2172e-06	3.0000e-05	1.8735e-05
831.00	6.0000e-05	-7.5486e-06	2.0000e-05	1.4587e-06	3.0000e-05	2.0782e-05
832.00	4.0000e-05	-3.7632e-06	3.0000e-05	2.0000e-05	4.0000e-05	2.5247e-05
833.00	5.0000e-05	-4.5049e-06	3.0000e-05	1.0000e-05	5.0000e-05	2.7099e-05
834.00	2.0000e-05	-4.5979e-06	2.0000e-05	2.0000e-05	6.0000e-05	2.3080e-05
835.00	4.0000e-05	1.3674e-06	4.0000e-05	2.0000e-05	4.0000e-05	2.8273e-05
836.00	3.0000e-05	-3.4432e-06	3.0000e-05	4.0000e-05	5.0000e-05	2.9311e-05
837.00	2.0000e-05	2.0000e-05	-4.8263e-07	3.0000e-05	5.0000e-05	2.3903e-05
838.00	2.0000e-05	4.0446e-06	2.0000e-05	2.0000e-05	5.0000e-05	2.2809e-05

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
839.00	5.0000e-05	1.0000e-05	3.0000e-05	1.0000e-05	4.0000e-05	2.8000e-05
840.00	3.0000e-05	1.0000e-05	3.0000e-05	3.0000e-05	4.0000e-05	2.8000e-05
841.00	4.0000e-05	2.7475e-06	3.0000e-05	6.5852e-06	4.0000e-05	2.3867e-05
842.00	3.0000e-05	4.0401e-06	2.0000e-05	2.0000e-05	2.0000e-05	1.8808e-05
843.00	3.0000e-05	2.0000e-05	3.0000e-05	2.0000e-05	6.0000e-05	3.2000e-05
844.00	4.0000e-05	-1.0000e-05	1.0000e-05	4.0391e-06	3.0000e-05	1.4808e-05
845.00	5.0000e-05	1.0000e-05	2.0000e-05	5.3566e-06	4.0000e-05	2.5071e-05
846.00	5.0000e-05	-2.7084e-06	4.0000e-05	-9.0653e-10	1.0000e-05	1.9458e-05
847.00	6.0000e-05	2.0000e-05	4.0000e-05	-2.4352e-06	2.0000e-05	2.7513e-05
848.00	5.0000e-05	2.0000e-05	4.0000e-05	1.0000e-05	3.0000e-05	3.0000e-05
849.00	2.0000e-05	3.3834e-06	3.0000e-05	-1.4942e-06	3.0000e-05	1.6378e-05
850.00	0.00013000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013400
851.00	0.00013000	0.00013000	0.00015000	0.00012000	0.00012000	0.00013000
852.00	0.00014000	0.00013000	0.00015000	0.00013000	0.00015000	0.00014000
853.00	0.00014000	0.00012000	0.00013000	0.00014000	0.00013000	0.00013200
854.00	0.00013000	0.00014000	0.00014000	0.00013000	0.00012000	0.00013200
855.00	0.00014000	0.00013000	0.00014000	0.00014000	0.00013000	0.00013600
856.00	0.00013000	0.00012000	0.00013000	0.00013000	0.00014000	0.00013000
857.00	0.00012000	0.00012000	0.00013000	0.00014000	0.00012000	0.00012600
858.00	0.00013000	0.00014000	0.00012000	0.00013000	0.00015000	0.00013400
859.00	0.00013000	0.00013000	0.00013000	0.00014000	0.00014000	0.00013400
860.00	0.00012000	0.00014000	0.00013000	0.00013000	0.00013000	0.00013000
861.00	0.00012000	0.00013000	0.00013000	0.00014000	0.00013000	0.00013000
862.00	0.00014000	0.00013000	0.00013000	0.00014000	0.00013000	0.00013400
863.00	0.00012000	0.00013000	0.00014000	0.00013000	0.00014000	0.00013200
864.00	0.00015000	0.00016000	0.00013000	0.00013000	0.00013000	0.00014000
865.00	0.00015000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013800
866.00	0.00013000	0.00014000	0.00014000	0.00012000	0.00014000	0.00013400
867.00	0.00014000	0.00013000	0.00013000	0.00012000	0.00014000	0.00013200
868.00	0.00013000	0.00015000	0.00013000	0.00013000	0.00014000	0.00013600
869.00	0.00013000	0.00011000	0.00013000	0.00012000	0.00012000	0.00012200
870.00	0.00017000	0.00014000	0.00013000	0.00011000	0.00013000	0.00013600
871.00	0.00013000	0.00013000	0.00013000	0.00015000	0.00015000	0.00013800
872.00	0.00013000	0.00015000	0.00013000	0.00015000	0.00015000	0.00014200
873.00	0.00013000	0.00014000	0.00013000	0.00013000	0.00012000	0.00013000
874.00	0.00013000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013400
875.00	0.00013000	0.00014000	0.00012000	0.00013000	0.00013000	0.00013000
876.00	0.00013000	0.00015000	0.00013000	0.00014000	0.00015000	0.00014000
877.00	0.00012000	0.00012000	0.00014000	0.00012000	0.00014000	0.00012800
878.00	0.00014000	0.00014000	0.00013000	0.00012000	0.00013000	0.00013200
879.00	0.00013000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013400
880.00	0.00015000	0.00014000	0.00014000	0.00013000	0.00013000	0.00013800
881.00	0.00013000	0.00016000	0.00012000	0.00014000	0.00013000	0.00013600
882.00	0.00013000	0.00014000	0.00013000	0.00014000	0.00014000	0.00013600
883.00	0.00014000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013600
884.00	0.00016000	0.00014000	0.00013000	0.00014000	0.00013000	0.00014000
885.00	0.00014000	0.00014000	0.00013000	0.00014000	0.00014000	0.00013800
886.00	0.00014000	0.00014000	0.00013000	0.00014000	0.00012000	0.00013400
887.00	0.00015000	0.00014000	0.00012000	1.0000e-04	0.00013000	0.00012800

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
888.00	0.00015000	0.00014000	0.00012000	0.00015000	0.00012000	0.00013600
889.00	0.00013000	0.00015000	0.00012000	0.00015000	0.00013000	0.00013600
890.00	0.00014000	0.00014000	0.00011000	0.00015000	0.00013000	0.00013400
891.00	0.00013000	0.00013000	0.00013000	0.00015000	0.00015000	0.00013800
892.00	0.00014000	0.00014000	0.00014000	0.00014000	0.00015000	0.00014200
893.00	0.00014000	0.00014000	0.00013000	0.00015000	0.00014000	0.00014000
894.00	0.00015000	0.00015000	0.00014000	0.00014000	0.00014000	0.00014400
895.00	0.00014000	0.00013000	0.00012000	0.00014000	0.00013000	0.00013200
896.00	0.00014000	0.00014000	0.00015000	0.00014000	0.00015000	0.00014400
897.00	0.00013000	0.00013000	0.00016000	0.00014000	0.00014000	0.00014000
898.00	0.00012000	0.00012000	0.00015000	0.00015000	0.00014000	0.00013600
899.00	0.00013000	0.00013000	0.00015000	0.00013000	0.00013000	0.00013400
900.00	0.00014000	0.00013000	0.00013000	0.00014000	0.00013000	0.00013400
901.00	0.00013000	0.00016000	0.00015000	0.00014000	0.00012000	0.00014000
902.00	0.00013000	0.00013000	0.00015000	0.00014000	0.00014000	0.00013800
903.00	0.00012000	0.00014000	0.00013000	0.00013000	0.00013000	0.00013000
904.00	0.00014000	0.00015000	0.00013000	0.00013000	0.00014000	0.00013800
905.00	0.00014000	0.00013000	0.00013000	0.00012000	0.00014000	0.00013200
906.00	0.00014000	0.00014000	0.00013000	0.00013000	0.00013000	0.00013400
907.00	0.00013000	0.00014000	0.00013000	0.00011000	0.00013000	0.00012800
908.00	0.00015000	0.00014000	0.00013000	0.00016000	0.00013000	0.00014200
909.00	0.00012000	0.00013000	0.00013000	0.00015000	0.00016000	0.00013800
910.00	0.00013000	0.00014000	0.00013000	0.00014000	0.00014000	0.00013600
911.00	0.00015000	0.00014000	0.00014000	0.00013000	0.00013000	0.00013800
912.00	0.00014000	0.00013000	0.00014000	0.00013000	0.00014000	0.00013600
913.00	0.00014000	0.00014000	0.00014000	0.00014000	0.00015000	0.00014200
914.00	0.00015000	0.00014000	0.00013000	0.00014000	0.00015000	0.00014200
915.00	0.00014000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013600
916.00	0.00014000	0.00014000	0.00014000	0.00014000	0.00014000	0.00014000
917.00	0.00014000	0.00015000	0.00013000	0.00014000	0.00013000	0.00013800
918.00	0.00015000	0.00016000	0.00015000	0.00015000	0.00013000	0.00014800
919.00	0.00014000	0.00015000	0.00014000	0.00014000	0.00013000	0.00014000
920.00	0.00014000	0.00015000	0.00014000	0.00014000	0.00013000	0.00014000
921.00	0.00016000	0.00015000	0.00015000	0.00013000	0.00012000	0.00014200
922.00	0.00015000	0.00015000	0.00015000	0.00015000	0.00014000	0.00014800
923.00	0.00014000	0.00016000	0.00014000	0.00014000	0.00014000	0.00014400
924.00	0.00015000	0.00017000	0.00014000	0.00013000	0.00013000	0.00014400
925.00	0.00014000	0.00015000	0.00014000	0.00013000	0.00014000	0.00014000
926.00	0.00014000	0.00012000	0.00014000	0.00014000	0.00014000	0.00013600
927.00	0.00015000	0.00014000	0.00013000	0.00014000	0.00015000	0.00014200
928.00	0.00014000	0.00014000	0.00014000	0.00014000	0.00014000	0.00014000
929.00	0.00014000	0.00015000	0.00013000	0.00013000	0.00014000	0.00013800
930.00	0.00013000	0.00014000	0.00014000	0.00014000	0.00014000	0.00013800
931.00	0.00014000	0.00012000	0.00013000	0.00013000	0.00013000	0.00013000
932.00	0.00015000	0.00014000	0.00014000	0.00013000	0.00014000	0.00014000
933.00	0.00013000	0.00013000	0.00014000	0.00013000	0.00013000	0.00013200
934.00	0.00014000	0.00016000	0.00014000	0.00013000	0.00013000	0.00014000
935.00	0.00014000	0.00014000	0.00013000	0.00012000	0.00016000	0.00013800
936.00	0.00015000	0.00013000	0.00014000	0.00014000	0.00014000	0.00014000

NAC FM RED (109_1) TRANSMISSION DATA						
WAVELENGTH (nm)	109_1_t1.273	109_1_t2.27 4	109_1_t3.275	109_1_t4.27 6	109_1_t5.27 7	109_1_ave
937.00	0.00015000	0.00013000	0.00014000	0.00015000	0.00013000	0.00014000
938.00	0.00013000	0.00013000	0.00013000	0.00016000	0.00013000	0.00013600
939.00	0.00011000	0.00014000	0.00013000	0.00016000	0.00013000	0.00013400
940.00	0.00012000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013200
941.00	0.00013000	0.00013000	0.00013000	0.00014000	0.00013000	0.00013200
942.00	0.00014000	0.00012000	0.00014000	0.00013000	0.00016000	0.00013800
943.00	0.00013000	0.00013000	0.00014000	0.00013000	0.00014000	0.00013400
944.00	0.00013000	0.00013000	0.00013000	0.00013000	0.00013000	0.00013000
945.00	0.00014000	0.00013000	0.00014000	0.00013000	0.00015000	0.00013800
946.00	0.00013000	0.00014000	0.00015000	0.00013000	0.00014000	0.00013800
947.00	0.00012000	0.00013000	0.00013000	0.00014000	0.00014000	0.00013200
948.00	0.00014000	0.00014000	0.00014000	0.00014000	0.00013000	0.00013800
949.00	0.00013000	0.00014000	0.00014000	0.00013000	0.00014000	0.00013600
950.00	0.00013000	0.00014000	0.00013000	0.00013000	0.00014000	0.00013400