

# Spectrophotometric Report

This spectrophotometer report provides a comprehensive analysis of the sample. It includes the sample's absorbance spectrum, a table of absorbance values at specific wavelengths, and a detailed interpretation of the results. The report is designed to provide clear, actionable insights for further research or industrial applications.

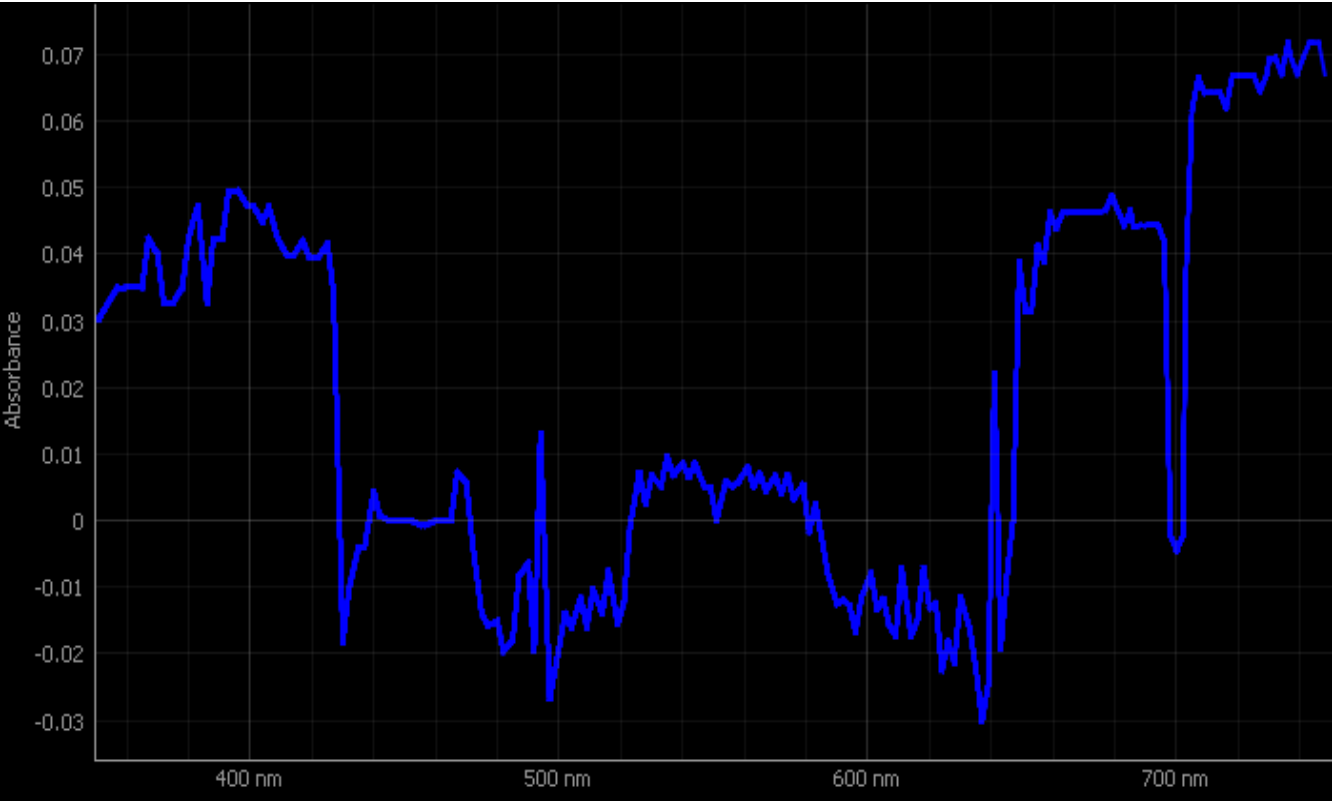
## General information:

|                                |                               |
|--------------------------------|-------------------------------|
| Sample Name:                   | Baseline Correction: Yes      |
| User:                          | Date: 12-05-2024 09:47:40     |
| Manufacturer: UTP              | Laboratory: Indicasat AIP     |
| Model: UTP-CG-001              | Location: Panama City, Panama |
| Serial Number: UTP30032024A    | Light Source: High Power LED  |
| Wavelength Range: 340 - 850 nm | Detector: CMOS                |

## Test condition

|                          |
|--------------------------|
| Temperature: 25°C        |
| Humidity: 50%            |
| WL Range: 350 - 750 nm   |
| Scan Speed: 39.55 nm/sec |
| Test mode: Single        |
| Scan Mode: Absorbance    |

## Measured Graph:



# Parameters:

## Key Parameters:

Max dB: 0.07184267010234766  
Max nm: 736  
Min dB: -0.0301219027778912  
Min nm: 637  
Violet's (428nm) dB: 0.03421869036498083  
Blue's (474nm) dB: -0.01405289889527728  
Green's (535nm) dB: 0.009580720378330382  
Yellow's (587nm) dB: -0.007845227554971019  
Orange's (609nm) dB: -0.01731562738675208  
Red's (660nm) dB: 0.04623744388879351

## Radiometric Parameters:

Radiant Flux: 1000 rad  
Radiant Density: 518 rad/mm2  
Color Rendering: 70  
Thermal resistance: 1.6 C°/W  
Radiant Efficacy: 206 rad/W

## Electrical Parameters:

Voltage: 12 V  
Current: 3 A  
Power: 36 W  
Power Factor: 1.0  
Frequency: 60 Hz

## Statistical Parameters:

Mean: 0.020270785544739673  
Standard Deviation: 0.028842256340327495  
Variance: 0.0008318757508011616  
RMS: 0.035253092026118614  
Weighted Average (nm): 587.4379907904162  
Minimum Value: -0.0301219027778912  
Maximum Value: 0.07184267010234766  
Number of Values: 198

## Colorimetric Parameters:

Chromaticity Coordinate (X-axis): 0.30053  
Chromaticity Coordinate (Y-axis): 0.3205  
CCT: 7015K  
Prpc WL: - Ld: 637nm  
Purity: 10.5%  
Peak WL: - Lp: 736nm  
FWHM: 12.0nm  
Ratio (Red): 13.9%  
Ratio (Green): 86.1%  
Ratio (Blue): 0.0%  
Render Index (Ra): 0.0  
EEI: 0.00015  
R1: 88  
R2: 0.0  
R3: 0.0  
R4: 0.0  
R5: 0.0  
R6: 0.0  
R7: 0.0  
R8: 0.0  
R9: 0.0  
R10: 0.0  
R11: 0.0  
R12: 0.0  
R13: 0.0  
R14: 0.0  
R15: 0.0

Measured Data:

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 305     | 0.00069  | 0.99842  |
| 306     | 0.00046  | 0.99895  |
| 307     | 0.00023  | 0.99947  |
| 308     | 0.00000  | 1.00000  |
| 309     | 0.01333  | 0.96978  |
| 310     | 0.02665  | 0.94048  |
| 311     | 0.03998  | 0.91206  |
| 312     | 0.03841  | 0.91536  |
| 313     | 0.03684  | 0.91867  |
| 314     | 0.03527  | 0.92200  |
| 315     | 0.03286  | 0.92713  |
| 316     | 0.03045  | 0.93229  |
| 317     | 0.03121  | 0.93066  |
| 318     | 0.03197  | 0.92903  |
| 319     | 0.03273  | 0.92741  |
| 320     | 0.03353  | 0.92570  |
| 321     | 0.03433  | 0.92399  |
| 322     | 0.03514  | 0.92228  |
| 323     | 0.03273  | 0.92740  |
| 324     | 0.03033  | 0.93254  |
| 325     | 0.03033  | 0.93254  |
| 326     | 0.03033  | 0.93254  |
| 327     | 0.03033  | 0.93254  |
| 328     | 0.02954  | 0.93425  |
| 329     | 0.02874  | 0.93596  |
| 330     | 0.02795  | 0.93768  |
| 331     | 0.02795  | 0.93768  |
| 332     | 0.02795  | 0.93768  |
| 333     | 0.02795  | 0.93768  |
| 334     | 0.02795  | 0.93768  |
| 335     | 0.02795  | 0.93768  |
| 336     | 0.02795  | 0.93768  |
| 337     | 0.02795  | 0.93768  |
| 338     | 0.02795  | 0.93768  |
| 339     | 0.02795  | 0.93768  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 340     | 0.02795  | 0.93768  |
| 341     | 0.02795  | 0.93768  |
| 342     | 0.02795  | 0.93768  |
| 343     | 0.02795  | 0.93768  |
| 344     | 0.02874  | 0.93596  |
| 345     | 0.02954  | 0.93425  |
| 346     | 0.03033  | 0.93254  |
| 347     | 0.03033  | 0.93254  |
| 348     | 0.03033  | 0.93254  |
| 349     | 0.03033  | 0.93254  |
| 350     | 0.03033  | 0.93254  |
| 351     | 0.03033  | 0.93254  |
| 352     | 0.03113  | 0.93083  |
| 353     | 0.03193  | 0.92912  |
| 354     | 0.03273  | 0.92741  |
| 355     | 0.03349  | 0.92579  |
| 356     | 0.03424  | 0.92418  |
| 357     | 0.03500  | 0.92257  |
| 358     | 0.03500  | 0.92257  |
| 359     | 0.03500  | 0.92257  |
| 360     | 0.03505  | 0.92247  |
| 361     | 0.03509  | 0.92238  |
| 362     | 0.03514  | 0.92228  |
| 363     | 0.03509  | 0.92238  |
| 364     | 0.03505  | 0.92247  |
| 365     | 0.03500  | 0.92257  |
| 366     | 0.03871  | 0.91473  |
| 367     | 0.04241  | 0.90696  |
| 368     | 0.04160  | 0.90866  |
| 369     | 0.04079  | 0.91036  |
| 370     | 0.03998  | 0.91206  |
| 371     | 0.03635  | 0.91970  |
| 372     | 0.03273  | 0.92741  |
| 373     | 0.03273  | 0.92741  |
| 374     | 0.03273  | 0.92741  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 375     | 0.03273  | 0.92741  |
| 376     | 0.03349  | 0.92579  |
| 377     | 0.03424  | 0.92418  |
| 378     | 0.03500  | 0.92257  |
| 379     | 0.03871  | 0.91473  |
| 380     | 0.04241  | 0.90696  |
| 381     | 0.04404  | 0.90356  |
| 382     | 0.04568  | 0.90017  |
| 383     | 0.04731  | 0.89679  |
| 384     | 0.04245  | 0.90688  |
| 385     | 0.03759  | 0.91709  |
| 386     | 0.03273  | 0.92741  |
| 387     | 0.03749  | 0.91730  |
| 388     | 0.04225  | 0.90730  |
| 389     | 0.04230  | 0.90719  |
| 390     | 0.04236  | 0.90708  |
| 391     | 0.04241  | 0.90696  |
| 392     | 0.04600  | 0.89951  |
| 393     | 0.04958  | 0.89211  |
| 394     | 0.04958  | 0.89211  |
| 395     | 0.04958  | 0.89211  |
| 396     | 0.04958  | 0.89211  |
| 397     | 0.04882  | 0.89367  |
| 398     | 0.04807  | 0.89523  |
| 399     | 0.04731  | 0.89679  |
| 400     | 0.04731  | 0.89679  |
| 401     | 0.04731  | 0.89679  |
| 402     | 0.04649  | 0.89848  |
| 403     | 0.04567  | 0.90017  |
| 404     | 0.04486  | 0.90187  |
| 405     | 0.04599  | 0.89952  |
| 406     | 0.04713  | 0.89717  |
| 407     | 0.04550  | 0.90053  |
| 408     | 0.04387  | 0.90391  |
| 409     | 0.04225  | 0.90730  |

## Measured Data (cont):

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 410     | 0.04144  | 0.90899  |
| 411     | 0.04063  | 0.91069  |
| 412     | 0.03982  | 0.91238  |
| 413     | 0.03982  | 0.91238  |
| 414     | 0.03982  | 0.91238  |
| 415     | 0.04058  | 0.91080  |
| 416     | 0.04133  | 0.90922  |
| 417     | 0.04209  | 0.90764  |
| 418     | 0.04088  | 0.91017  |
| 419     | 0.03967  | 0.91270  |
| 420     | 0.03962  | 0.91281  |
| 421     | 0.03957  | 0.91291  |
| 422     | 0.03952  | 0.91302  |
| 423     | 0.04022  | 0.91156  |
| 424     | 0.04091  | 0.91009  |
| 425     | 0.04161  | 0.90864  |
| 426     | 0.03791  | 0.91640  |
| 427     | 0.03422  | 0.92423  |
| 428     | 0.01674  | 0.96219  |
| 429     | -0.00074 | 1.00172  |
| 430     | -0.01823 | 1.04286  |
| 431     | -0.01421 | 1.03326  |
| 432     | -0.01019 | 1.02375  |
| 433     | -0.00818 | 1.01900  |
| 434     | -0.00616 | 1.01428  |
| 435     | -0.00414 | 1.00957  |
| 436     | -0.00409 | 1.00947  |
| 437     | -0.00405 | 1.00936  |
| 438     | -0.00124 | 1.00286  |
| 439     | 0.00156  | 0.99641  |
| 440     | 0.00437  | 0.98999  |
| 441     | 0.00253  | 0.99420  |
| 442     | 0.00068  | 0.99843  |
| 443     | 0.00046  | 0.99895  |
| 444     | 0.00023  | 0.99948  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 445     | 0.00000  | 1.00000  |
| 446     | 0.00000  | 1.00000  |
| 447     | 0.00000  | 1.00000  |
| 448     | 0.00000  | 1.00000  |
| 449     | 0.00000  | 1.00000  |
| 450     | 0.00000  | 1.00000  |
| 451     | 0.00000  | 1.00000  |
| 452     | 0.00000  | 1.00000  |
| 453     | -0.00023 | 1.00052  |
| 454     | -0.00045 | 1.00105  |
| 455     | -0.00068 | 1.00157  |
| 456     | -0.00068 | 1.00157  |
| 457     | -0.00068 | 1.00157  |
| 458     | -0.00045 | 1.00105  |
| 459     | -0.00023 | 1.00052  |
| 460     | 0.00000  | 1.00000  |
| 461     | 0.00000  | 1.00000  |
| 462     | 0.00000  | 1.00000  |
| 463     | 0.00000  | 1.00000  |
| 464     | 0.00000  | 1.00000  |
| 465     | 0.00000  | 1.00000  |
| 466     | 0.00362  | 0.99169  |
| 467     | 0.00725  | 0.98345  |
| 468     | 0.00670  | 0.98468  |
| 469     | 0.00616  | 0.98592  |
| 470     | 0.00561  | 0.98716  |
| 471     | 0.00108  | 0.99752  |
| 472     | -0.00346 | 1.00800  |
| 473     | -0.00699 | 1.01623  |
| 474     | -0.01052 | 1.02452  |
| 475     | -0.01405 | 1.03289  |
| 476     | -0.01492 | 1.03494  |
| 477     | -0.01578 | 1.03700  |
| 478     | -0.01555 | 1.03645  |
| 479     | -0.01532 | 1.03589  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 480     | -0.01508 | 1.03534  |
| 481     | -0.01738 | 1.04084  |
| 482     | -0.01968 | 1.04636  |
| 483     | -0.01913 | 1.04502  |
| 484     | -0.01857 | 1.04368  |
| 485     | -0.01801 | 1.04235  |
| 486     | -0.01320 | 1.03086  |
| 487     | -0.00839 | 1.01950  |
| 488     | -0.00771 | 1.01791  |
| 489     | -0.00703 | 1.01631  |
| 490     | -0.00635 | 1.01472  |
| 491     | -0.01301 | 1.03040  |
| 492     | -0.01967 | 1.04633  |
| 493     | -0.00327 | 1.00757  |
| 494     | 0.01312  | 0.97024  |
| 495     | -0.00019 | 1.00044  |
| 496     | -0.01351 | 1.03159  |
| 497     | -0.02682 | 1.06371  |
| 498     | -0.02425 | 1.05743  |
| 499     | -0.02168 | 1.05118  |
| 500     | -0.01909 | 1.04493  |
| 501     | -0.01649 | 1.03871  |
| 502     | -0.01390 | 1.03252  |
| 503     | -0.01499 | 1.03512  |
| 504     | -0.01608 | 1.03772  |
| 505     | -0.01460 | 1.03419  |
| 506     | -0.01312 | 1.03067  |
| 507     | -0.01164 | 1.02716  |
| 508     | -0.01383 | 1.03236  |
| 509     | -0.01603 | 1.03759  |
| 510     | -0.01319 | 1.03083  |
| 511     | -0.01035 | 1.02412  |
| 512     | -0.01156 | 1.02697  |
| 513     | -0.01276 | 1.02983  |
| 514     | -0.01397 | 1.03269  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 515     | -0.01078 | 1.02514  |
| 516     | -0.00760 | 1.01764  |
| 517     | -0.01024 | 1.02386  |
| 518     | -0.01288 | 1.03011  |
| 519     | -0.01553 | 1.03640  |
| 520     | -0.01393 | 1.03260  |
| 521     | -0.01233 | 1.02880  |
| 522     | -0.00659 | 1.01528  |
| 523     | -0.00084 | 1.00194  |
| 524     | 0.00185  | 0.99575  |
| 525     | 0.00454  | 0.98960  |
| 526     | 0.00723  | 0.98349  |
| 527     | 0.00483  | 0.98894  |
| 528     | 0.00243  | 0.99442  |
| 529     | 0.00460  | 0.98946  |
| 530     | 0.00677  | 0.98452  |
| 531     | 0.00623  | 0.98576  |
| 532     | 0.00569  | 0.98699  |
| 533     | 0.00514  | 0.98823  |
| 534     | 0.00736  | 0.98319  |
| 535     | 0.00958  | 0.97818  |
| 536     | 0.00820  | 0.98130  |
| 537     | 0.00682  | 0.98443  |
| 538     | 0.00739  | 0.98312  |
| 539     | 0.00797  | 0.98182  |
| 540     | 0.00854  | 0.98052  |
| 541     | 0.00754  | 0.98278  |
| 542     | 0.00654  | 0.98505  |
| 543     | 0.00757  | 0.98271  |
| 544     | 0.00860  | 0.98038  |
| 545     | 0.00745  | 0.98299  |
| 546     | 0.00630  | 0.98560  |
| 547     | 0.00515  | 0.98821  |
| 548     | 0.00512  | 0.98827  |
| 549     | 0.00510  | 0.98833  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 550     | 0.00255  | 0.99415  |
| 551     | 0.00000  | 1.00000  |
| 552     | 0.00196  | 0.99549  |
| 553     | 0.00393  | 0.99100  |
| 554     | 0.00589  | 0.98653  |
| 555     | 0.00551  | 0.98739  |
| 556     | 0.00513  | 0.98826  |
| 557     | 0.00546  | 0.98750  |
| 558     | 0.00580  | 0.98674  |
| 559     | 0.00654  | 0.98505  |
| 560     | 0.00728  | 0.98337  |
| 561     | 0.00802  | 0.98169  |
| 562     | 0.00660  | 0.98492  |
| 563     | 0.00517  | 0.98816  |
| 564     | 0.00613  | 0.98598  |
| 565     | 0.00709  | 0.98381  |
| 566     | 0.00578  | 0.98678  |
| 567     | 0.00447  | 0.98976  |
| 568     | 0.00522  | 0.98806  |
| 569     | 0.00597  | 0.98635  |
| 570     | 0.00672  | 0.98465  |
| 571     | 0.00541  | 0.98762  |
| 572     | 0.00410  | 0.99060  |
| 573     | 0.00547  | 0.98749  |
| 574     | 0.00683  | 0.98439  |
| 575     | 0.00504  | 0.98845  |
| 576     | 0.00325  | 0.99254  |
| 577     | 0.00397  | 0.99090  |
| 578     | 0.00469  | 0.98926  |
| 579     | 0.00541  | 0.98762  |
| 580     | 0.00187  | 0.99569  |
| 581     | -0.00166 | 1.00383  |
| 582     | 0.00043  | 0.99902  |
| 583     | 0.00251  | 0.99423  |
| 584     | 0.00003  | 0.99994  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 585     | -0.00246 | 1.00569  |
| 586     | -0.00515 | 1.01194  |
| 587     | -0.00785 | 1.01823  |
| 588     | -0.00942 | 1.02193  |
| 589     | -0.01100 | 1.02564  |
| 590     | -0.01257 | 1.02937  |
| 591     | -0.01226 | 1.02863  |
| 592     | -0.01194 | 1.02788  |
| 593     | -0.01233 | 1.02879  |
| 594     | -0.01271 | 1.02969  |
| 595     | -0.01469 | 1.03440  |
| 596     | -0.01667 | 1.03913  |
| 597     | -0.01407 | 1.03292  |
| 598     | -0.01147 | 1.02675  |
| 599     | -0.01029 | 1.02397  |
| 600     | -0.00911 | 1.02119  |
| 601     | -0.00793 | 1.01842  |
| 602     | -0.01062 | 1.02475  |
| 603     | -0.01331 | 1.03113  |
| 604     | -0.01253 | 1.02927  |
| 605     | -0.01175 | 1.02741  |
| 606     | -0.01381 | 1.03231  |
| 607     | -0.01588 | 1.03724  |
| 608     | -0.01660 | 1.03896  |
| 609     | -0.01732 | 1.04068  |
| 610     | -0.01228 | 1.02868  |
| 611     | -0.00725 | 1.01683  |
| 612     | -0.01062 | 1.02477  |
| 613     | -0.01400 | 1.03277  |
| 614     | -0.01738 | 1.04083  |
| 615     | -0.01622 | 1.03805  |
| 616     | -0.01506 | 1.03528  |
| 617     | -0.01109 | 1.02585  |
| 618     | -0.00711 | 1.01651  |
| 619     | -0.01013 | 1.02359  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 620     | -0.01314 | 1.03072  |
| 621     | -0.01276 | 1.02981  |
| 622     | -0.01237 | 1.02890  |
| 623     | -0.01744 | 1.04097  |
| 624     | -0.02250 | 1.05318  |
| 625     | -0.02033 | 1.04792  |
| 626     | -0.01816 | 1.04269  |
| 627     | -0.01974 | 1.04649  |
| 628     | -0.02132 | 1.05031  |
| 629     | -0.01638 | 1.03844  |
| 630     | -0.01145 | 1.02671  |
| 631     | -0.01304 | 1.03049  |
| 632     | -0.01464 | 1.03428  |
| 633     | -0.01623 | 1.03809  |
| 634     | -0.01928 | 1.04540  |
| 635     | -0.02233 | 1.05277  |
| 636     | -0.02623 | 1.06225  |
| 637     | -0.03012 | 1.07182  |
| 638     | -0.02737 | 1.06504  |
| 639     | -0.02461 | 1.05831  |
| 640     | -0.00125 | 1.00288  |
| 641     | 0.02211  | 0.95037  |
| 642     | 0.00136  | 0.99686  |
| 643     | -0.01938 | 1.04563  |
| 644     | -0.01393 | 1.03259  |
| 645     | -0.00848 | 1.01971  |
| 646     | -0.00424 | 1.00981  |
| 647     | 0.00000  | 1.00000  |
| 648     | 0.01939  | 0.95633  |
| 649     | 0.03878  | 0.91457  |
| 650     | 0.03515  | 0.92224  |
| 651     | 0.03153  | 0.92998  |
| 652     | 0.03153  | 0.92998  |
| 653     | 0.03153  | 0.92998  |
| 654     | 0.03641  | 0.91958  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 655     | 0.04130  | 0.90929  |
| 656     | 0.04011  | 0.91177  |
| 657     | 0.03893  | 0.91426  |
| 658     | 0.04258  | 0.90660  |
| 659     | 0.04624  | 0.89901  |
| 660     | 0.04504  | 0.90149  |
| 661     | 0.04384  | 0.90398  |
| 662     | 0.04504  | 0.90149  |
| 663     | 0.04624  | 0.89901  |
| 664     | 0.04624  | 0.89901  |
| 665     | 0.04624  | 0.89901  |
| 666     | 0.04633  | 0.89882  |
| 667     | 0.04641  | 0.89864  |
| 668     | 0.04641  | 0.89864  |
| 669     | 0.04641  | 0.89864  |
| 670     | 0.04641  | 0.89864  |
| 671     | 0.04641  | 0.89864  |
| 672     | 0.04641  | 0.89864  |
| 673     | 0.04641  | 0.89864  |
| 674     | 0.04641  | 0.89864  |
| 675     | 0.04641  | 0.89864  |
| 676     | 0.04650  | 0.89846  |
| 677     | 0.04659  | 0.89828  |
| 678     | 0.04771  | 0.89597  |
| 679     | 0.04883  | 0.89366  |
| 680     | 0.04771  | 0.89597  |
| 681     | 0.04659  | 0.89828  |
| 682     | 0.04547  | 0.90060  |
| 683     | 0.04434  | 0.90294  |
| 684     | 0.04547  | 0.90060  |
| 685     | 0.04659  | 0.89828  |
| 686     | 0.04417  | 0.90329  |
| 687     | 0.04426  | 0.90311  |
| 688     | 0.04434  | 0.90294  |
| 689     | 0.04434  | 0.90294  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 690     | 0.04434  | 0.90294  |
| 691     | 0.04443  | 0.90276  |
| 692     | 0.04451  | 0.90258  |
| 693     | 0.04443  | 0.90276  |
| 694     | 0.04434  | 0.90294  |
| 695     | 0.04313  | 0.90545  |
| 696     | 0.04193  | 0.90797  |
| 697     | 0.01984  | 0.95535  |
| 698     | -0.00226 | 1.00521  |
| 699     | -0.00338 | 1.00781  |
| 700     | -0.00450 | 1.01042  |
| 701     | -0.00338 | 1.00781  |
| 702     | -0.00226 | 1.00521  |
| 703     | 0.03712  | 0.91807  |
| 704     | 0.04944  | 0.89239  |
| 705     | 0.06176  | 0.86744  |
| 706     | 0.06414  | 0.86270  |
| 707     | 0.06652  | 0.85798  |
| 708     | 0.06539  | 0.86021  |
| 709     | 0.06427  | 0.86245  |
| 710     | 0.06427  | 0.86245  |
| 711     | 0.06427  | 0.86245  |
| 712     | 0.06427  | 0.86245  |
| 713     | 0.06427  | 0.86245  |
| 714     | 0.06427  | 0.86245  |
| 715     | 0.06314  | 0.86470  |
| 716     | 0.06200  | 0.86696  |
| 717     | 0.06439  | 0.86220  |
| 718     | 0.06678  | 0.85747  |
| 719     | 0.06678  | 0.85747  |
| 720     | 0.06678  | 0.85747  |
| 721     | 0.06678  | 0.85747  |
| 722     | 0.06678  | 0.85747  |
| 723     | 0.06678  | 0.85747  |
| 724     | 0.06678  | 0.85747  |

| WL (nm) | Abs (dB) | T (I/Io) |
|---------|----------|----------|
| 725     | 0.06678  | 0.85747  |
| 726     | 0.06565  | 0.85971  |
| 727     | 0.06452  | 0.86195  |
| 728     | 0.06565  | 0.85971  |
| 729     | 0.06678  | 0.85747  |
| 730     | 0.06931  | 0.85250  |
| 731     | 0.06944  | 0.85223  |
| 732     | 0.06958  | 0.85196  |
| 733     | 0.06831  | 0.85445  |
| 734     | 0.06704  | 0.85695  |
| 735     | 0.06944  | 0.85223  |
| 736     | 0.07184  | 0.84753  |
| 737     | 0.06958  | 0.85196  |
| 738     | 0.06831  | 0.85445  |
| 739     | 0.06704  | 0.85695  |
| 740     | 0.06831  | 0.85445  |
| 741     | 0.06958  | 0.85196  |
| 742     | 0.07071  | 0.84975  |
| 743     | 0.07184  | 0.84753  |
| 744     | 0.07184  | 0.84753  |
| 745     | 0.07184  | 0.84753  |
| 746     | 0.07184  | 0.84753  |
| 747     | 0.06944  | 0.85223  |
| 748     | 0.06704  | 0.85695  |
| 749     | 0.07184  | 0.84753  |