

*1) Wavelength resolution: Test conditions / Maximum value of FWHM at 340nm, 380nm, 440nm, 500nm, 560nm, 620nm, 680nm, 740nm, 780nm wavelength
 波長分解能 : 検査条件 / 波長340nm, 380nm, 440nm, 500nm, 560nm, 620nm, 680nm, 740nm, 780nmのFWHMの最大値

Serial No.	Calibration coefficients 波長変換係数						Wavelength resolution *1) 波長分解能	
	A ₀	B ₁	B ₂	B ₃	B ₄	B ₅	Standard for Shipment 出荷基準 [nm]	Result 測定値 [nm]
15F00167	3.124441658E+02	2.390509760E+00	-6.356023178E-04	-7.842923348E-06	1.465079614E-08	-8.447972861E-12	≤15	11.1
15F00168	3.186014637E+02	2.378237337E+00	-6.110509131E-04	-7.806002672E-06	1.446476390E-08	-8.575647905E-12		11.1
15F00169	3.161961077E+02	2.386597838E+00	-5.815119616E-04	-8.981714091E-06	2.125055425E-08	-2.030907475E-11		11.0
15F00172	3.223805858E+02	2.382168888E+00	-7.102842686E-04	-7.036935774E-06	1.101401546E-08	-2.492104861E-12		11.3
15F00173	3.150757531E+02	2.380465561E+00	-6.989732819E-04	-7.085420033E-06	1.059257304E-08	-5.495685838E-13		11.4
15F00174	3.168718456E+02	2.384465287E+00	-7.302189073E-04	-6.995005737E-06	1.094013511E-08	-2.425500667E-12		10.9
15F00175	3.184474284E+02	2.394103331E+00	-8.616693624E-04	-5.401904387E-06	3.200476643E-09	1.074533289E-11		11.0
15F00176	3.232044113E+02	2.380532467E+00	-7.096058989E-04	-7.038929607E-06	1.080351169E-08	-1.651186663E-12		11.1
15F00177	3.188848434E+02	2.382326554E+00	-7.808674678E-04	-6.235275869E-06	6.649026084E-09	5.770143511E-12		11.2
15F00178	3.186448063E+02	2.377359886E+00	-6.649987162E-04	-7.440687258E-06	1.195411994E-08	-2.365834197E-12		11.1

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HAMAMATSU PHOTONICS K.K.

		2015/08/24	
FINAL INSPECTION SHEET 検査成績書		HAMAMATSU PHOTONICS K.K. SOLID STATE DIVISION 浜松ホトニクス株式会社 固体事業部	
Name	Micro-Spectrometer	Approved by 責任者	<i>Yuji Mori</i>
Type No.	C12666MA	Inspected by 検査員	
Date Inspected: 検査日:		2015/06/29 ~ 2015/07/29 24.0 °C	

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波長分解能 : 検査条件 / 波長340nm, 380nm, 440nm, 500nm, 560nm, 620nm, 680nm, 740nm, 780nmのFWHMの最大値

Serial No.	Calibration coefficients 波長変換係数						Wavelength resolution *1) 波長分解能	
	A ₀	B ₁	B ₂	B ₃	B ₄	B ₅	Standard for Shipment 出荷基準 [nm]	Result 測定値 [nm]
	$Wavelength[nm]=A_0+B_1*pix+B_2*pix^2+B_3*pix^3+B_4*pix^4+B_5*pix^5$							
15F00077	3.140966958E+02	2.401300452E+00	-1.141278971E-03	-3.192969206E-06	-3.741809018E-09	1.792186844E-11	≤15	11.7
15F00079	3.178710908E+02	2.409265057E+00	-1.349110707E-03	-9.046099567E-07	-1.454044681E-08	3.581348572E-11		11.2
15F00080	3.239815990E+02	2.396974191E+00	-1.097726840E-03	-2.919049229E-06	-7.783717815E-09	2.828718700E-11		11.2
15F00081	3.185913660E+02	2.392004488E+00	-8.234775954E-04	-6.220095540E-06	9.471241381E-09	-3.576991946E-12		10.7
15F00082	3.231197882E+02	2.383400169E+00	-7.819019940E-04	-6.561159495E-06	1.140775927E-08	-7.558789333E-12		10.8
15F00083	3.134488579E+02	2.393917169E+00	-7.164409790E-04	-7.502339323E-06	1.537785886E-08	-1.300048823E-11		10.8
15F00084	3.141233736E+02	2.397179211E+00	-9.849837822E-04	-4.057731618E-06	-2.125812445E-09	1.766160556E-11		11.0
15F00085	3.151538181E+02	2.404555001E+00	-1.022999082E-03	-4.151135834E-06	-5.956695419E-10	1.464797931E-11		11.2
15F00086	3.176381208E+02	2.392666842E+00	-9.485274557E-04	-4.719666763E-06	1.152866958E-09	1.300315433E-11		10.9
15F00087	3.189397652E+02	2.390515120E+00	-9.134367752E-04	-4.838618966E-06	1.267236210E-09	1.288791689E-11		11.0
15F00088	3.165658262E+02	2.380549739E+00	-7.898749021E-04	-5.822393852E-06	4.257248797E-09	1.017885221E-11		11.4
15F00089	3.217631639E+02	2.397051232E+00	-9.765805469E-04	-4.738394513E-06	2.376678449E-09	9.135204631E-12		10.9
15F00090	3.172784503E+02	2.383476795E+00	-8.592184626E-04	-5.230615517E-06	1.893748822E-09	1.360340869E-11		11.5
15F00091	3.220359002E+02	2.383054323E+00	-9.052821494E-04	-4.832534247E-06	2.318720704E-11	1.702913418E-11		11.8
15F00093	3.163450640E+02	2.395284971E+00	-8.192235058E-04	-5.950950497E-06	5.718458299E-09	6.491559334E-12		11.1
15F00094	3.204172393E+02	2.391297305E+00	-1.160966149E-03	-1.993171316E-06	-1.233584213E-08	3.586570364E-11		12.0
15F00095	3.221186352E+02	2.396578784E+00	-9.621373180E-04	-5.134169490E-06	4.808516038E-09	4.377974719E-12		10.8
15F00096	3.106859194E+02	2.412714688E+00	-1.228516759E-03	-1.613980432E-06	-1.265817285E-08	3.431378538E-11		11.1
15F00097	3.166318007E+02	2.398503133E+00	-1.063792809E-03	-3.898345719E-06	-1.278771672E-09	1.510610076E-11	11.2	
15F00098	3.214024177E+02	2.396986054E+00	-1.170791899E-03	-2.485783241E-06	-8.206319825E-09	2.624633650E-11	11.4	

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Serial No.	Calibration coefficients 波長変換係数						Wavelength resolution *1) 波長分解能	
	A_0	B_1	B_2	B_3	B_4	B_5	Standard for Shipment 出荷基準 [nm]	Result 測定値 [nm]
15F00099	3.224251438E+02	2.383270930E+00	-8.234213715E-04	-5.732617318E-06	4.821608988E-09	8.043523669E-12	≤15	11.2
15F00100	3.099626221E+02	2.403600623E+00	-1.203762137E-03	-2.088048976E-06	-9.262653702E-09	2.700333304E-11		11.2
15F00101	3.234085796E+02	2.398905582E+00	-1.105113334E-03	-3.340895265E-06	-3.860152523E-09	1.900764095E-11		11.1
15F00102	3.194778108E+02	2.392171047E+00	-1.140952483E-03	-2.527101748E-06	-8.190081663E-09	2.624867953E-11		11.0
15F00103	3.215378979E+02	2.378495329E+00	-7.681500787E-04	-6.034166264E-06	6.177296410E-09	5.225229725E-12		10.9
15F00104	3.209622296E+02	2.392025142E+00	-9.002862195E-04	-5.198047192E-06	3.262990117E-09	9.185389717E-12		11.1
15F00105	3.218688885E+02	2.383153215E+00	-1.026381286E-03	-3.504084695E-06	-4.489280688E-09	2.126216979E-11		12.1
15F00106	3.194076009E+02	2.383224296E+00	-7.710330476E-04	-6.035575974E-06	5.687474182E-09	6.810305578E-12		11.0
15F00107	3.201107966E+02	2.379524591E+00	-8.229974514E-04	-5.675165607E-06	4.351154712E-09	9.262850070E-12		11.4
15F00108	3.135557358E+02	2.386927828E+00	-6.949436247E-04	-6.844081869E-06	8.720459495E-09	2.930319546E-12		11.3
15F00109	3.174606435E+02	2.379717460E+00	-8.219138627E-04	-5.824053343E-06	6.015401528E-09	4.864933464E-12		12.1
15F00110	3.183768280E+02	2.383840410E+00	-7.651020778E-04	-6.404605631E-06	8.145380696E-09	2.187294000E-12		11.4
15F00111	3.178270435E+02	2.388963667E+00	-9.634508960E-04	-4.326240898E-06	-5.094237040E-10	1.473658802E-11		10.4
15F00112	3.167040084E+02	2.394019331E+00	-9.389302900E-04	-4.822599430E-06	1.074280715E-09	1.352967663E-11		11.8
15F00113	3.170083173E+02	2.395198170E+00	-8.618615345E-04	-5.978279712E-06	8.585352787E-09	-2.048534811E-12		10.4
15F00115	3.205924372E+02	2.379024267E+00	-6.147074805E-04	-7.609322151E-06	1.155424113E-08	-8.658133819E-13		12.9
15F00116	3.193770562E+02	2.396206216E+00	-9.762717279E-04	-4.538516233E-06	1.217673821E-09	1.094268001E-11		11.0
15F00117	3.198565530E+02	2.386434772E+00	-8.542562771E-04	-5.509224241E-06	4.955115727E-09	5.549045903E-12		10.7
15F00118	3.178939472E+02	2.392961122E+00	-1.008269939E-03	-4.042053082E-06	-1.958020507E-09	1.770019941E-11		10.9
15F00119	3.208248462E+02	2.381713095E+00	-6.842380550E-04	-7.371574780E-06	1.260233877E-08	-4.859268926E-12		11.2
15F00120	3.171154541E+02	2.381562058E+00	-7.167755420E-04	-6.571073686E-06	8.441910958E-09	1.671615162E-12		11.3
15F00121	3.106849970E+02	2.392078539E+00	-7.298304065E-04	-6.622594866E-06	8.374579327E-09	2.755861887E-12		11.0
15F00122	3.158660182E+02	2.384760088E+00	-5.899928909E-04	-8.450093416E-06	1.822409080E-08	-1.526814655E-11		11.1
15F00123	3.101990289E+02	2.398331981E+00	-8.580393424E-04	-5.318791836E-06	2.652851046E-09	1.162560547E-11		11.5
15F00124	3.142685721E+02	2.378003489E+00	-7.816930529E-04	-5.788752514E-06	4.606508713E-09	8.530809536E-12		11.6
15F00125	3.097253051E+02	2.383233275E+00	-6.144202143E-04	-7.446880535E-06	1.131659105E-08	-1.535378640E-12		11.3
15F00126	3.200258431E+02	2.415849174E+00	-1.522164659E-03	1.259610465E-06	-2.526661841E-08	5.398242113E-11		11.3
15F00127	3.194028916E+02	2.373537588E+00	-6.243552356E-04	-7.497265508E-06	1.162027583E-08	-1.668889940E-12		11.6
15F00128	3.210099939E+02	2.386793220E+00	-8.626214199E-04	-5.348708395E-06	3.847171276E-09	7.753036725E-12		10.7
15F00129	3.150925253E+02	2.387092084E+00	-6.776055523E-04	-7.386893176E-06	1.301120217E-08	-6.513228172E-12	10.9	

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Serial No.	Calibration coefficients 波長変換係数						Wavelength resolution *1) 波長分解能	
	A_0	B_1	B_2	B_3	B_4	B_5	Standard for Shipment 出荷基準 [nm]	Result 測定値 [nm]
15F00130	3.140413412E+02	2.389182328E+00	-6.879642318E-04	-7.399754689E-06	1.409513160E-08	-1.016720889E-11	≤15	10.6
15F00132	3.126743173E+02	2.381724412E+00	-7.350551687E-04	-7.012908530E-06	1.272855936E-08	-7.899195375E-12		11.1
15F00133	3.134957269E+02	2.408852671E+00	-1.408045526E-03	2.070724376E-07	-2.109830637E-08	4.839839493E-11		12.3
15F00134	3.205536703E+02	2.389927070E+00	-8.738081397E-04	-5.324457163E-06	3.868970797E-09	7.554493300E-12		10.9
15F00135	3.221985704E+02	2.386159977E+00	-8.224380108E-04	-5.927472141E-06	6.805406452E-09	2.947750233E-12		10.3
15F00136	3.186741703E+02	2.385784251E+00	-8.282756948E-04	-5.679857594E-06	3.887993153E-09	1.093851647E-11		11.0
15F00138	3.200426618E+02	2.389948474E+00	-8.207980673E-04	-5.958465348E-06	6.679180083E-09	3.839765967E-12		11.1
15F00139	3.168094508E+02	2.393080045E+00	-8.687179088E-04	-5.650602277E-06	5.640279193E-09	5.389962193E-12		11.1
15F00140	3.197494383E+02	2.392167905E+00	-9.193201235E-04	-4.706298688E-06	-6.871208635E-10	1.861263263E-11		11.4
15F00141	3.114604178E+02	2.383608929E+00	-7.011809899E-04	-7.064376501E-06	1.149494280E-08	-4.282699002E-12		10.8
15F00142	3.179189822E+02	2.389244835E+00	-8.256922346E-04	-5.915988679E-06	6.656885135E-09	3.227224110E-12		10.9
15F00143	3.167919907E+02	2.373966935E+00	-5.615158131E-04	-8.452305270E-06	1.674748355E-08	-1.086445402E-11		11.2
15F00144	3.198061302E+02	2.381671036E+00	-7.598468115E-04	-6.631391329E-06	9.166703821E-09	9.490086419E-13		11.2
15F00146	3.167285172E+02	2.390787946E+00	-7.402750908E-04	-6.947740461E-06	1.112252513E-08	-3.289079513E-12		10.9
15F00147	3.207988741E+02	2.379919766E+00	-6.647988209E-04	-7.405218558E-06	1.278534091E-08	-5.931264262E-12		11.7
15F00148	3.163142886E+02	2.383919749E+00	-7.520286823E-04	-6.727770059E-06	9.451179428E-09	7.149564137E-13		11.5
15F00149	3.151943730E+02	2.388100863E+00	-8.549868391E-04	-5.964688240E-06	7.987880991E-09	-4.471588764E-14	10.6	
15F00150	3.209163586E+02	2.381857280E+00	-6.737879280E-04	-7.550480826E-06	1.450328212E-08	-1.007715050E-11	11.8	
15F00151	3.180137144E+02	2.379974031E+00	-7.570275820E-04	-6.288497296E-06	6.622889781E-09	6.020094173E-12	10.9	
15F00152	3.208375250E+02	2.390093651E+00	-7.546185033E-04	-6.835343595E-06	1.079076738E-08	-3.121953261E-12	12.5	
15F00156	3.302924966E+02	2.370268767E+00	-7.866145500E-04	-5.345624555E-06	3.256153151E-10	1.872104385E-11	11.3	
15F00157	3.184408061E+02	2.385737454E+00	-9.219307488E-04	-4.838852427E-06	1.593450397E-09	1.161933519E-11	11.4	
15F00158	3.154947836E+02	2.388937453E+00	-6.326737799E-04	-7.914334811E-06	1.476638857E-08	-7.990837510E-12	11.0	
15F00159	3.112631288E+02	2.387277803E+00	-7.363693349E-04	-6.124272818E-06	5.785111173E-09	6.649351898E-12	11.3	
15F00160	3.211431882E+02	2.382841025E+00	-7.166593022E-04	-6.776687188E-06	9.077163093E-09	1.409466485E-12	11.2	
15F00161	3.147485718E+02	2.383128778E+00	-6.057686375E-04	-8.466743491E-06	1.808380420E-08	-1.431699197E-11	11.0	
15F00163	3.233668711E+02	2.384682045E+00	-5.995865297E-04	-8.602293347E-06	1.840343099E-08	-1.424592223E-11	10.9	
15F00164	3.261939445E+02	2.378327731E+00	-7.246361311E-04	-6.818388771E-06	9.924373830E-09	-6.286712571E-13	10.7	
15F00165	3.125542647E+02	2.395702912E+00	-7.542583179E-04	-6.697858288E-06	1.005929393E-08	-1.770630345E-12	11.2	
15F00166	3.200940131E+02	2.390016746E+00	-7.979288071E-04	-6.243852466E-06	8.123819403E-09	1.016449951E-12		