HAMAMATSU

HAMAMATSU PHOTONICS K.K

2021 / 05 / 28

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	Yosuke Matsuno
Type No.	C12880MA	Inspected by 検査員	Shinya Ohno
NO.	946244		

Date Inspected:
検査日：　2020/ 12/ 24　24.0 ℃

*1) Wavelength resolution: Test conditions / Maximum value of FWHM at 340nm,400nm,450nm,500nm,550nm,600nm,,655nm,710nm,760nm,810nm,850nm wavelength
波長分解能　：検査条件　/ 波長340nm, 400nm, 450nm, 500nm, 550nm, 600nm, , 655nm, 710nm, 760nm, 810nm, 850nmのFWHMの最大値

946244-1

Calibration coefficients　Wavelength[nm]=$A_0+B_1*pix+B_2*pix^2+B_3*pix^3+B_4*pix^4+B_5*pix^5$
波長変換係数

Wavelength resolution *1)
波長分解能

Serial No.	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]
20L00789	3.082625077E+02	2.708963781E+00	-1.154498292E-03	-8.336854122E-06	1.342681165E-08	-2.294961312E-12	≦15	9.0
20L00790	3.135797912E+02	2.706611029E+00	-1.280229727E-03	-7.363402451E-06	9.993953746E-09	2.535547799E-12		8.9
20L00791	3.098723607E+02	2.725364686E+00	-1.522504060E-03	-5.125018828E-06	1.149109396E-09	1.471098144E-11		9.1
20L00792	3.109822639E+02	2.710562223E+00	-1.227575490E-03	-7.590182136E-06	9.815976138E-09	3.889144349E-12		9.1
20L00793	3.079752362E+02	2.704783781E+00	-1.220842920E-03	-7.313274749E-06	8.767332561E-09	4.840546040E-12		9.4
20L00795	3.082779704E+02	2.702749810E+00	-1.084995420E-03	-8.598873604E-06	1.369987732E-08	-2.058246190E-12		8.7
20L00796	3.028371016E+02	2.703986314E+00	-1.121403292E-03	-7.939243647E-06	1.018590138E-08	4.093553012E-12		9.2
20L00797	3.039220829E+02	2.709030639E+00	-1.208453330E-03	-7.372237810E-06	8.560409800E-09	5.709563289E-12		9.1
20L00798	2.992439872E+02	2.726530257E+00	-1.288133880E-03	-7.280283528E-06	9.328177880E-09	3.678810960E-12		9.1
20L00799	3.113252863E+02	2.700925157E+00	-1.041668083E-03	-9.240637011E-06	1.609215060E-08	-4.788704901E-12		8.9
20L00800	3.024438890E+02	2.717312090E+00	-1.274776494E-03	-7.091245814E-06	7.830203708E-09	6.722371152E-12		9.4
20L00801	3.040532480E+02	2.716961747E+00	-1.326478084E-03	-6.649929741E-06	6.456588911E-09	8.101224381E-12		9.3
20L00802	3.033359424E+02	2.708092754E+00	-1.186240491E-03	-7.659821925E-06	9.972770086E-09	3.456720949E-12		9.1
20L00803	3.042588376E+02	2.720901925E+00	-1.328294357E-03	-6.671762385E-06	6.597343693E-09	7.699822703E-12		8.8
20L00805	3.039365325E+02	2.704401937E+00	-1.062010283E-03	-9.180207288E-06	1.665506356E-08	-6.308717190E-12		9.1
20L00806	3.039654426E+02	2.718092690E+00	-1.373933800E-03	-6.118838775E-06	4.246803886E-09	1.121230954E-11		8.9
20L00807	3.041131433E+02	2.720063167E+00	-1.305976233E-03	-6.929101774E-06	7.285460542E-09	7.425474642E-12		8.8
20L00808	3.058428785E+02	2.709554312E+00	-1.161005054E-03	-7.929744061E-06	1.053684406E-08	3.483462184E-12		8.6
20L00809	3.069890190E+02	2.694396028E+00	-9.665380585E-04	-9.823590449E-06	1.867632599E-08	-8.634658779E-12		8.8
20L00810	2.995751282E+02	2.716626396E+00	-1.207449354E-03	-7.755724659E-06	1.079812450E-08	2.025034992E-12		9.1
20L00811	3.029898915E+02	2.714747488E+00	-1.179671436E-03	-7.985780230E-06	1.154264083E-08	1.129970779E-12		9.1
20L00812	3.038611426E+02	2.718105513E+00	-1.290092852E-03	-6.788437562E-06	6.116674973E-09	9.539155171E-12		8.8
20L00813	3.006519888E+02	2.725911643E+00	-1.402267751E-03	-5.939676330E-06	3.547685573E-09	1.225386091E-11		8.8
20L00814	3.032900203E+02	2.710302960E+00	-1.124392191E-03	-8.329384298E-06	1.233029439E-08	6.461765031E-13		8.8
20L00815	3.014132207E+02	2.705155659E+00	-1.124669493E-03	-7.997963539E-06	1.071251919E-08	2.971286348E-12		9.0

20L00816	2.988320257E+02	2.728500346E+00	-1.424344373E-03	-5.756485882E-06	3.079249759E-09	1.249405937E-11		9.0
20L00817	3.033938052E+02	2.723633567E+00	-1.443679645E-03	-5.739153376E-06	3.356542891E-09	1.208602110E-11		9.0
20L00818	3.002660590E+02	2.720906936E+00	-1.186288109E-03	-8.262775678E-06	1.343512468E-08	-2.340827862E-12		8.8
20L00819	2.990676405E+02	2.732808027E+00	-1.413802299E-03	-6.364030223E-06	6.491239850E-09	6.758247118E-12		8.7
20L00820	3.037025515E+02	2.714351395E+00	-1.202429614E-03	-7.718478988E-06	1.017824554E-08	3.385742901E-12		8.8
20L00821	3.048838823E+02	2.694466866E+00	-9.942679128E-04	-8.923441807E-06	1.372966123E-08	-6.638778168E-13		8.9
20L00822	3.075315010E+02	2.704257345E+00	-1.141553865E-03	-7.841489333E-06	9.782195789E-09	4.671706516E-12		8.6
20L00823	3.045901670E+02	2.704713075E+00	-1.013245625E-03	-9.245356329E-06	1.580420955E-08	-4.331469416E-12		8.8
20L00824	3.008050702E+02	2.708596534E+00	-1.104428227E-03	-8.403017062E-06	1.258304311E-08	3.060523863E-13		9.0
20L00825	3.100996016E+02	2.715197288E+00	-1.321347731E-03	-6.586969489E-06	5.533156261E-09	1.023431803E-11		8.9
20L00826	3.141262391E+02	2.701246558E+00	-1.095922525E-03	-8.702321265E-06	1.392135763E-08	-1.557532075E-12		9.0
20L00827	3.102956101E+02	2.692272488E+00	-1.096429893E-03	-7.918026483E-06	9.542754499E-09	5.682554597E-12		9.2
20L00828	3.106578501E+02	2.717124660E+00	-1.326917539E-03	-6.630178312E-06	6.009902571E-09	9.120416892E-12		9.2
20L00829	3.146167604E+02	2.702995119E+00	-1.301300875E-03	-6.334407853E-06	4.008597263E-09	1.265740433E-11		9.3
20L00830	3.065915287E+02	2.728423213E+00	-1.586223757E-03	-4.446926915E-06	-2.284227798E-09	2.085214667E-11		8.8

HAMAMATSU

HAMAMATSU PHOTONICS K.K

2021 / 05 / 28

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	Yosuke Matsune
Type No.	C12880MA	Inspected by 検査員	Shinya Ohta
NO.	946244		

Date Inspected:
検査日：　2020/ 12/ 24　24.0 ℃

*1) Wavelength resolution: Test conditions / Maximum value of FWHM at 340nm,400nm,450nm,500nm,550nm,600nm,,655nm,710nm,760nm,810nm,850nm wavelength
波長分解能　：検査条件　/ 波長340nm, 400nm, 450nm, 500nm, 550nm, 600nm, , 655nm, 710nm, 760nm, 810nm, 850nmのFWHMの最大値

946244-2

Calibration coefficients　Wavelength[nm]=$A_0+B_1*pix+B_2*pix^2+B_3*pix^3+B_4*pix^4+B_5*pix^5$
波長変換係数

Wavelength resolution *1)
波長分解能

Serial No.	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]
20L00831	3.169496937E+02	2.694998595E+00	-1.100717980E-03	-8.418865232E-06	1.268339828E-08	-2.946583809E-14	≦15	8.8
20L00833	3.154454426E+02	2.694245165E+00	-1.088359795E-03	-8.342537851E-06	1.175772912E-08	2.113285570E-12		9.0
20L00834	3.134162907E+02	2.694402638E+00	-1.096072923E-03	-8.195921039E-06	1.091395793E-08	3.644235761E-12		9.3
20L00836	3.145337027E+02	2.704967443E+00	-1.224970288E-03	-7.276797260E-06	7.682543137E-09	7.915911819E-12		9.0
20L00837	3.112155252E+02	2.705330692E+00	-1.107042374E-03	-8.546621140E-06	1.333096228E-08	-9.191021128E-13		9.1
20L00838	3.153437044E+02	2.699469584E+00	-1.301886050E-03	-6.315240266E-06	4.124135173E-09	1.230496702E-11		8.9
20L00840	3.163237275E+02	2.701451286E+00	-1.134107526E-03	-8.370363040E-06	1.273023069E-08	-1.212737639E-13		8.7
20L00842	3.092940588E+02	2.722028725E+00	-1.517418036E-03	-4.655229505E-06	-2.293211329E-09	2.158539393E-11		9.3
20L00843	3.100356508E+02	2.712838170E+00	-1.307063485E-03	-6.612016092E-06	5.522325876E-09	1.021382979E-11		9.2
20L00844	3.032868880E+02	2.709061374E+00	-1.236980709E-03	-7.121845262E-06	7.782307600E-09	6.619516017E-12		9.4
