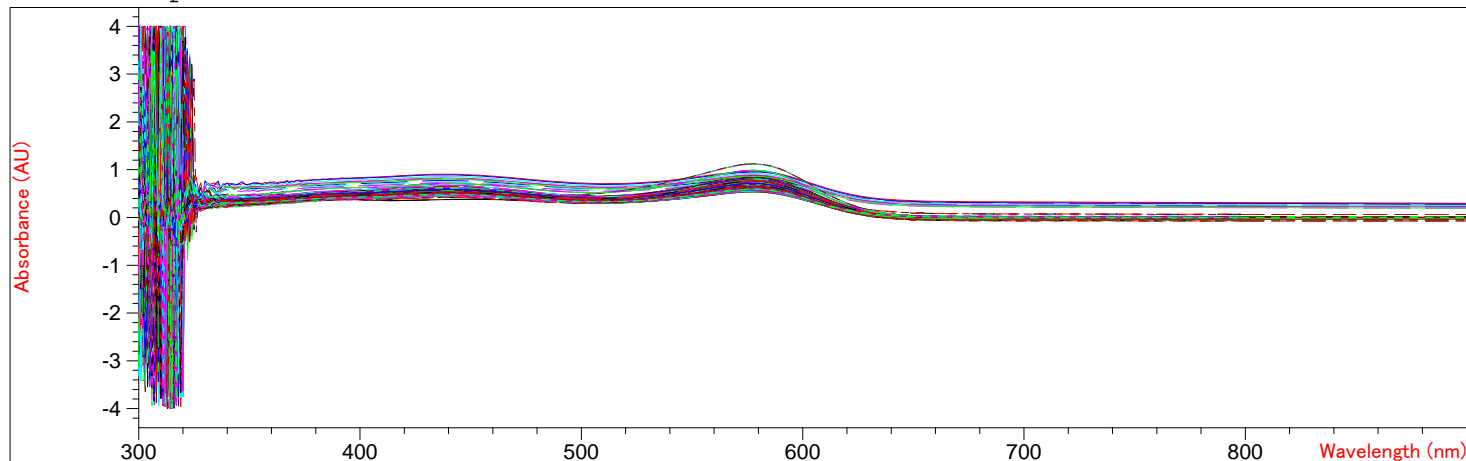Method file : C:\CHEM32\1\METHODS\PH.M (modified)
             Last update: Date 08/05/2019 Time 16:13:34
Information : Default Method
Data File   : <data not saved>

Overlaid Spectra:

Equation : pH = LOG(((((WL1-WL3)/(WL2-WL3)-0.00815*WL1)-0.00
           691)/(2.222-((WL1-WL3)/(WL2-WL3)-0.00815*WL1)*0.
           1331))+1245.69/(Wt+273.15)+3.8275+0.00211*(35-V)

Where   : WL1 = Abs(578nm), WL2 = Abs(434nm), WL3 = Abs(730nm), Wt = Weight, V = Volume

#	Name	Dilut. Factor	Weight(25)	Volume(35)	pH	Abs<578nm>
1	CRM#171-0102-a	1.00000	25.00000	33.43400	7.86260	0.69439
2	CRM#171-0102-b	1.00000	25.00000	33.43400	7.86190	0.69454
3	CRM#171-0102-c	1.00000	25.00000	33.43400	7.86180	0.69520
4	CRM#171-0102-d	1.00000	25.00000	33.43400	7.86240	0.69492
5	TRIS-a	1.00000	25.00000	35.00000	8.09260	0.87790
6	TRIS-b	1.00000	25.00000	35.00000	8.09320	0.87798
7	TRIS-c	1.00000	25.00000	35.00000	8.09310	0.87632
8	TRIS-d	1.00000	25.00000	35.00000	8.09360	0.87613
9	WALCRN2-a	1.00000	25.00000	32.41000	7.73580	0.86419
10	WALCRN2-b	1.00000	25.00000	32.41000	7.73420	0.82813
11	WALCRN2-c	1.00000	25.00000	32.41000	7.73430	0.79983
12	WALCRN2-d	1.00000	25.00000	32.41000	7.73410	0.77849
13	WALCRN20-a	1.00000	25.00000	33.01000	7.83970	0.65930
14	WALCRN20-b	1.00000	25.00000	33.01000	7.83930	0.65943
15	WALCRN20-c	1.00000	25.00000	33.01000	7.83850	0.65974
16	WALCRN70-a	1.00000	25.00000	35.02000	7.86110	0.70996
17	WALCRN70-b	1.00000	25.00000	35.02000	7.86030	0.71736
18	WALCRN70-c	1.00000	25.00000	35.02000	7.86050	0.71636
19	WALCRN70-d	1.00000	25.00000	35.02000	7.85920	0.71596
20	SCHOUWN10-a	1.00000	25.00000	32.59000	7.80860	0.69334
21	SCHOUWN10-b	1.00000	25.00000	32.59000	7.80890	0.69335
22	SCHOUWN10-c	1.00000	25.00000	32.59000	7.80730	0.69316
23	SCHOUWN10-d	1.00000	25.00000	32.59000	7.80840	0.69190
24	GOERE2-a	1.00000	25.00000	31.52000	7.78960	0.69196
25	GOERE2-b	1.00000	25.00000	31.52000	7.78940	0.68877
26	GOERE2-c	1.00000	25.00000	31.52000	7.78950	0.68852
27	GOERE6-a	1.00000	25.00000	31.45000	7.81200	0.65990
28	GOERE6-b	1.00000	25.00000	31.45000	7.81100	0.65999
29	GOERE6-c	1.00000	25.00000	31.45000	7.81130	0.65905
30	NOORDWK2-a	1.00000	25.00000	30.72000	7.82360	0.70257
31	NOORDWK2-b	1.00000	25.00000	30.72000	7.82360	0.69822
32	NOORDWK2-c	1.00000	25.00000	30.72000	7.82290	0.69684

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  # Name          Dilut. Factor   Weight(25)   Volume(35)        pH   Abs<578nm>
---------------------------------------------------------------------------------
 33 NOORDWK10-a       1.00000      25.00000     31.52000     7.85790     0.84964
 34 NOORDWK10-b       1.00000      25.00000     31.52000     7.85830     0.85354
 35 NOORDWK10-c       1.00000      25.00000     31.52000     7.85820     0.84508
 36 NOORDWK20-a       1.00000      25.00000     31.95000     7.87690     0.76338
 37 NOORDWK20-b       1.00000      25.00000     31.95000     7.87680     0.76632
 38 NOORDWK20-c       1.00000      25.00000     31.95000     7.87600     0.76503
 39 NOORDWK70-a       1.00000      25.00000     34.96000     7.91210     0.79060
 40 NOORDWK70-b       1.00000      25.00000     34.96000     7.91290     0.78912
 41 NOORDWK70-c       1.00000      25.00000     34.96000     7.91230     0.78981
 42 NOORDWK70-d       1.00000      25.00000     34.96000     7.91260     0.78798
 43 TERSLG10-a        1.00000      25.00000     33.35000     7.87890     0.82816
 44 TERSLG10-b        1.00000      25.00000     33.35000     7.87850     0.82626
 45 TERSLG10-c        1.00000      25.00000     33.35000     7.87880     0.82581
 46 TERSLG50-a        1.00000      25.00000     34.22000     7.89570     0.80529
 47 TERSLG50-B        1.00000      25.00000     34.22000     7.89690     0.80277
 48 TERSLG50-c        1.00000      25.00000     34.22000     7.89620     0.80285
 49 TERSLG50-d        1.00000      25.00000     34.22000     7.89700     0.80313
 50 TERSLG100-a       1.00000      25.00000     34.71000     7.85020     0.71661
 51 TERSLG100-b       1.00000      25.00000     34.71000     7.85020     0.71432
 52 TERSLG100-c       1.00000      25.00000     34.71000     7.84930     0.71138
 53 TERSLG135-a       1.00000      25.00000     34.77000     7.84940     0.72664
 54 TERSLG135-b       1.00000      25.00000     34.77000     7.84980     0.72662
 55 TERSLG135-c       1.00000      25.00000     34.77000     7.84840     0.72599
 56 TERSLG135-d       1.00000      25.00000     34.77000     7.84840     0.72437
 57 TERSLG135-e       1.00000      25.00000     34.77000     7.84970     0.72518
 58 TERSLG100D-a      1.00000      25.00000     34.71000     7.84810     0.74397
 59 TERSLG100D-b      1.00000      25.00000     34.71000     7.84750     0.74230
 60 TERSLG100D-c      1.00000      25.00000     34.71000     7.84830     0.74268
 61 WALCRN2-a         1.00000      25.00000     32.59000     7.73920     0.65967
 62 WALCRN2-b         1.00000      25.00000     32.59000     7.73890     0.66095
 63 WALCRN2-c         1.00000      25.00000     32.59000     7.73810     0.66025
 64 WALCRN2-d         1.00000      25.00000     32.59000     7.73880     0.66046
 65 WALCRN20-a        1.00000      25.00000     33.46000     7.75670     0.62286
 66 WALCRN20-b        1.00000      25.00000     33.46000     7.75650     0.62283
 67 WALCRN20-c        1.00000      25.00000     33.46000     7.75700     0.62399
 68 WALCRN70-a        1.00000      25.00000     34.95000     7.81040     0.66559
 69 WALCRN70-b        1.00000      25.00000     34.95000     7.80930     0.66449
 70 WALCRN70-c        1.00000      25.00000     34.95000     7.80980     0.66343
 71 WALCRN70-d        1.00000      25.00000     34.95000     7.80990     0.66278
 72 SCHOUWN10-a       1.00000      25.00000     32.83000     7.73440     0.97081
 73 SCHOUWN10-b       1.00000      25.00000     32.83000     7.73190     0.95348
 74 SCHOUWN10-c       1.00000      25.00000     32.83000     7.73180     0.91920
 75 SCHOUWN10-d       1.00000      25.00000     32.83000     7.73420     0.89051
 76 SCHOUWN10-e       1.00000      25.00000     32.83000     7.73300     0.86437
 77 GOERE2-a          1.00000      25.00000     32.55000     7.75340     0.59993
 78 GOERE2-b          1.00000      25.00000     32.55000     7.75120     0.59964
 79 GOERE2-c          1.00000      25.00000     32.55000     7.75230     0.59993
 80 GOERE2-d          1.00000      25.00000     32.55000     7.75090     0.59859
 81 GOERE2-e          1.00000      25.00000     32.55000     7.75120     0.59873
 82 GOERE6-a          1.00000      25.00000     32.25000     7.75060     0.65979
 83 GOERE6-b          1.00000      25.00000     32.25000     7.75130     0.66040
 84 GOERE6-c          1.00000      25.00000     32.25000     7.75050     0.65789
 85 GOERE6-d          1.00000      25.00000     32.25000     7.75100     0.65768
 86 NOORDWK2-a        1.00000      25.00000     30.83000     7.78580     0.57876
 87 NOORDWK2-b        1.00000      25.00000     30.83000     7.78530     0.57684
 88 NOORDWK2-c        1.00000      25.00000     30.83000     7.78380     0.57716
 89 NOORDWK2-d        1.00000      25.00000     30.83000     7.78670     0.57741
 90 NOORDWK2-e        1.00000      25.00000     30.83000     7.78570     0.57690
 91 NOORDWK10-a       1.00000      25.00000     31.94000     7.78240     0.72794
 92 NOORDWK10-b       1.00000      25.00000     31.94000     7.78180     0.73051
 93 NOORDWK10-a       1.00000      25.00000     31.94000     7.78150     0.73139
 94 NOORDWK20-a       1.00000      25.00000     32.67000     7.82070     0.68639
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  #  Name            Dilut. Factor   Weight(25)   Volume(35)         pH    Abs<578nm>
--------------------------------------------------------------------------------
 95  NOORDWK20-a         1.00000      25.00000     32.67000      7.82170      0.68424
 96  NOORDWK20-c         1.00000      25.00000     32.67000      7.82150      0.68384
 97  NOORDWK20-d         1.00000      25.00000     32.67000      7.82080      0.68401
 98  NOORDWK70-a         1.00000      25.00000     35.04000      7.85760      0.63721
 99  NOORDWK70-b         1.00000      25.00000     35.04000      7.85740      0.64008
100  NOORDWK70-c         1.00000      25.00000     35.04000      7.85730      0.63661
101  TERSLG10-a          1.00000      25.00000     33.69000      7.84930      0.68970
102  TERSLG10-b          1.00000      25.00000     33.69000      7.84880      0.69375
103  TERSLG10-c          1.00000      25.00000     33.69000      7.84870      0.69581
104  TERSLG50-a          1.00000      25.00000     35.03000      7.83150      0.67782
105  TERSLG50-b          1.00000      25.00000     35.03000      7.83040      0.67805
106  TERSLG50-c          1.00000      25.00000     35.03000      7.82990      0.67656
107  TERSLG50-d          1.00000      25.00000     35.03000      7.83080      0.67599
108  TERSLG100-a         1.00000      25.00000     34.53000      7.81770      0.63609
109  TERSLG100-b         1.00000      25.00000     34.53000      7.81830      0.63614
110  TERSLG100-c         1.00000      25.00000     34.53000      7.81850      0.63538
111  TERSLG135-a         1.00000      25.00000     34.61000      7.81780      0.66502
112  TERSLG135-b         1.00000      25.00000     34.61000      7.81690      0.66465
113  TERSLG135-c         1.00000      25.00000     34.61000      7.81610      0.66464
114  TERSLG135-d         1.00000      25.00000     34.61000      7.81700      0.66392
115  NOORDWK2D-a         1.00000      25.00000     30.83000      7.76370      0.59103
116  NOORDWK2D-b         1.00000      25.00000     30.83000      7.76330      0.59143
117  NOORDWK2D-c         1.00000      25.00000     30.83000      7.76330      0.59207
118  WALCRN2-a           1.00000      25.00000     31.45000      7.71300      0.56952
119  WALCRN2-b           1.00000      25.00000     31.45000      7.71310      0.56581
120  WALCRN2-c           1.00000      25.00000     31.45000      7.71460      0.56639
121  WALCRN2-d           1.00000      25.00000     31.45000      7.71370      0.56852
122  WALCRN10-a          1.00000      25.00000     32.06000      7.71950      0.57554
123  WALCRN10-b          1.00000      25.00000     32.06000      7.71690      0.57866
124  WALCRN10-c          1.00000      25.00000     32.06000      7.71760      0.57856
125  WALCRN10-d          1.00000      25.00000     32.06000      7.71850      0.57831
126  WALCRN10-e          1.00000      25.00000     32.06000      7.71820      0.57793
127  WALCRN70-a          1.00000      25.00000     34.84000      7.80000      0.70074
128  WALCRN70-b          1.00000      25.00000     34.84000      7.80040      0.70099
129  WALCRN70-c          1.00000      25.00000     34.84000      7.79990      0.70084
130  SCHOUWN10-a         1.00000      25.00000     32.36000      7.73150      0.56291
131  SCHOUWN10-b         1.00000      25.00000     32.36000      7.73160      0.56924
132  SCHOUWN10-c         1.00000      25.00000     32.36000      7.73080      0.56904
133  SCHOUWN10-d         1.00000      25.00000     32.36000      7.73080      0.56887
134  SCHOUWN10-e         1.00000      25.00000     32.36000      7.73080      0.56879
135  GOERE2-a            1.00000      25.00000     29.75000      7.71900      0.57722
136  GOERE2-b            1.00000      25.00000     29.75000      7.71880      0.57428
137  GOERE2-c            1.00000      25.00000     29.75000      7.71940      0.57780
138  GOERE6-a            1.00000      25.00000     28.77000      7.72080      0.57932
139  GOERE6-b            1.00000      25.00000     28.77000      7.72090      0.57937
140  GOERE6-c            1.00000      25.00000     28.77000      7.72090      0.57929
141  NOORDWK2-a          1.00000      25.00000     26.66000      7.72930      0.53846
142  NOORDWK2-b          1.00000      25.00000     26.66000      7.72890      0.53830
143  NOORDWK2-c          1.00000      25.00000     26.66000      7.72860      0.53816
144  NOORDWK10-a         1.00000      25.00000     31.17000      7.75990      0.54316
145  NOORDWK10-b         1.00000      25.00000     31.17000      7.76230      0.54162
146  NOORDWK10-c         1.00000      25.00000     31.17000      7.76200      0.53234
147  NOORDWK10-d         1.00000      25.00000     31.17000      7.76230      0.53916
148  NOORDWK20-a         1.00000      25.00000     32.11000      7.77740      0.54845
149  NOORDWK20-b         1.00000      25.00000     32.11000      7.77860      0.54870
150  NOORDWK20-c         1.00000      25.00000     32.11000      7.77810      0.54888
151  NOORDWK20-d         1.00000      25.00000     32.11000      7.77690      0.54852
152  NOORDWK20-e         1.00000      25.00000     32.11000      7.77740      0.54833
153  NOORDWK70-a         1.00000      25.00000     34.98000      7.79640      0.69824
154  NOORDWK70-b         1.00000      25.00000     34.98000      7.79700      0.69724
155  NOORDWK70-c         1.00000      25.00000     34.98000      7.79670      0.70140
156  TERSLG10-a          1.00000      25.00000     33.66000      7.78780      0.67384
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#	Name	Dilut. Factor	Weight(25)	Volume(35)	pH	Abs<578nm>
157	TERSLG10-b	1.00000	25.00000	33.66000	7.78840	0.67031
158	TERSLG10-c	1.00000	25.00000	33.66000	7.78760	0.66873
159	WALCRN20D-a	1.00000	25.00000	33.01000	7.83930	0.71410
160	WALCRN20D-b	1.00000	25.00000	33.01000	7.83850	0.71432
161	WALCRN20D-c	1.00000	25.00000	33.01000	7.83980	0.71307
162	WALCRN20D-d	1.00000	25.00000	33.01000	7.84000	0.71331
163	WALCRN20D-e	1.00000	25.00000	33.01000	7.84230	0.70958
164	WALCRN20D-f	1.00000	25.00000	33.01000	7.84120	0.70944
165	CRM#171-a	1.00000	25.00000	33.43400	7.86250	0.74864
166	CRM#171-b	1.00000	25.00000	33.43400	7.86110	0.74954
167	CRM#171-c	1.00000	25.00000	33.43400	7.86120	0.74890
168	CRM#171-d	1.00000	25.00000	33.43400	7.86190	0.74896
169	CRM#171-a 08-05-	1.00000	25.00000	33.43400	7.86660	0.75957
170	CRM#171-b	1.00000	25.00000	33.43400	7.86630	0.75945
171	CRM#171-c	1.00000	25.00000	33.43400	7.86600	0.75939
172	TRIS-a	1.00000	25.00000	35.00000	8.09260	1.10950
173	TRIS-b	1.00000	25.00000	35.00000	8.09440	1.12060
174	TRIS-c	1.00000	25.00000	35.00000	8.09420	1.12050
175	TRIS-d	1.00000	25.00000	35.00000	8.09390	1.12250
176	TERSLG50-a	1.00000	25.00000	34.85000	7.78690	0.74353
177	TERSLG50-b	1.00000	25.00000	34.85000	7.78580	0.74179
178	TERSLG50-c	1.00000	25.00000	34.85000	7.78600	0.74151
179	TERSLG50-d	1.00000	25.00000	34.85000	7.78530	0.74171
180	TERSLG100-a	1.00000	25.00000	34.89000	7.79220	0.75126
181	TERSLG100-b	1.00000	25.00000	34.89000	7.79270	0.75023
182	TERSLG100-c	1.00000	25.00000	34.89000	7.79300	0.74912
183	TERSLG135-a	1.00000	25.00000	34.73000	7.79130	0.75703
184	TERSLG135-b	1.00000	25.00000	34.73000	7.79090	0.75618
185	TERSLG135-c	1.00000	25.00000	34.73000	7.79120	0.75606
186	TERSLG175-a	1.00000	25.00000	34.63000	7.78230	0.73684
187	TERSLG175-b	1.00000	25.00000	34.63000	7.78000	0.73462
188	TERSLG175-c	1.00000	25.00000	34.63000	7.78190	0.73581
189	TERSLG175-d	1.00000	25.00000	34.63000	7.78080	0.73627
190	TERSLG235-a	1.00000	25.00000	34.74000	7.77190	0.67612
191	TERSLG235-b	1.00000	25.00000	34.74000	7.77100	0.67590
192	TERSLG253-c	1.00000	25.00000	34.74000	7.77110	0.67570
193	WALCRN2-a	1.00000	25.00000	30.70000	7.68880	0.62890
194	WALCRN2-b	1.00000	25.00000	30.70000	7.68860	0.63059
195	WALCRN2-c	1.00000	25.00000	30.70000	7.68840	0.62752
196	WALCRN20-a	1.00000	25.00000	32.54000	7.70380	0.67144
197	WALCRN20-b	1.00000	25.00000	32.54000	7.70300	0.67002
198	WALCRN20-c	1.00000	25.00000	32.54000	7.70360	0.66880
199	WALCRN70-a	1.00000	25.00000	34.98000	7.79180	0.72562
200	WALCRN70-b	1.00000	25.00000	34.98000	7.79150	0.72454
201	WALCRN70-c	1.00000	25.00000	34.98000	7.79360	0.72379
202	WALCRN70-d	1.00000	25.00000	34.98000	7.79210	0.72364
203	SCHOUWN10-a	1.00000	25.00000	31.81000	7.69490	0.63307
204	SCHOUWN10-b	1.00000	25.00000	31.81000	7.69530	0.62988
205	SCHOUWN10-c	1.00000	25.00000	31.81000	7.69460	0.63084
206	GOERE2-a	1.00000	25.00000	30.92000	7.70970	0.65371
207	GOERE2-b	1.00000	25.00000	30.92000	7.70870	0.65096
208	GOERE2-c	1.00000	25.00000	30.92000	7.71050	0.65151
209	GOERE2-d	1.00000	25.00000	30.92000	7.70910	0.65051
210	GOERE6-a	1.00000	25.00000	30.80000	7.71940	0.59144
211	GOERE6-b	1.00000	25.00000	30.80000	7.71880	0.59245
212	GOERE6-c	1.00000	25.00000	30.80000	7.71840	0.59376
213	NOORDWK2-a	1.00000	25.00000	25.66000	7.71380	0.60585
214	NOORDWK2-b	1.00000	25.00000	25.66000	7.71670	0.59634
215	NOORDWK2-c	1.00000	25.00000	25.66000	7.71680	0.59241
216	NOORDWK2-d	1.00000	25.00000	25.66000	7.71640	0.58517
217	NOORDWK10-a	1.00000	25.00000	31.48000	7.74220	0.66326
218	NOORDWK10-b	1.00000	25.00000	31.48000	7.74240	0.66478

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  #  Name              Dilut. Factor   Weight(25)   Volume(35)        pH   Abs<578nm>
-------------------------------------------------------------------------------------
219  NOORDWK10-c           1.00000     25.00000     31.48000     7.74300      0.66337
220  NOORDWK20-a           1.00000     25.00000     32.13000     7.75480      0.77395
221  NOORDWK20-b           1.00000     25.00000     32.13000     7.75490      0.77310
222  NOORDWK20-c           1.00000     25.00000     32.13000     7.75470      0.77095
223  NOORDWK70-a           1.00000     25.00000     34.84000     7.79080      0.70266
224  NOORDWK70-c           1.00000     25.00000     34.84000     7.79090      0.70253
225  NOORDWK70-c           1.00000     25.00000     34.84000     7.79120      0.70236
226  TERSLG10-a            1.00000     25.00000     32.78000     7.77370      0.62657
227  TERSLG10-b            1.00000     25.00000     32.78000     7.77290      0.62607
228  TERSLG10-c            1.00000     25.00000     32.78000     7.77340      0.62612
229  TERSLG10-d            1.00000     25.00000     32.78000     7.77380      0.62647
230  TERSLG50-a            1.00000     25.00000     34.75000     7.76200      0.68373
231  TERSLG50-b            1.00000     25.00000     34.75000     7.76310      0.68375
232  TERSLG50-c            1.00000     25.00000     34.75000     7.76270      0.68279
233  TERSLG100-a           1.00000     25.00000     34.77000     7.78120      0.68934
234  TERSLG100-b           1.00000     25.00000     34.77000     7.78160      0.68840
235  TERSLG100-c           1.00000     25.00000     34.77000     7.78140      0.68890
236  TERSLG135-a           1.00000     25.00000     34.64000     7.77090      0.68305
237  TERSLG135-b           1.00000     25.00000     34.64000     7.77080      0.68303
238  TERSLG135-c           1.00000     25.00000     34.64000     7.77040      0.68224
239  NOORDWK10D-a 31-      1.00000     25.00000     31.17000     7.76140      0.69797
240  NOORDWK10D-b          1.00000     25.00000     31.17000     7.76050      0.69755
241  NOORDWK10D-c          1.00000     25.00000     31.17000     7.76070      0.69878
242  NOORDWK10D-d          1.00000     25.00000     31.17000     7.76110      0.69842
243  NOORDWK20D-a 14-      1.00000     25.00000     32.13000     7.76850      0.61352
244  NOORDWK20D-b          1.00000     25.00000     32.13000     7.76850      0.61262
245  NOORDWK20D-c          1.00000     25.00000     32.13000     7.76830      0.61354
246  TERSLG50D-a 31-1      1.00000     25.00000     34.85000     7.77540      0.71081
247  TERSLG50D-b           1.00000     25.00000     34.85000     7.77490      0.71260
248  TERSLG50D-c           1.00000     25.00000     34.85000     7.77560      0.71118
249  CRM#1171-a            1.00000     25.00000     33.43400     7.86170      0.76021
250  CRM#1171-b            1.00000     25.00000     33.43400     7.86250      0.75994
251  CRM#1171-c            1.00000     25.00000     33.43400     7.86130      0.76006
252  CRM#1171-d            1.00000     25.00000     33.43400     7.86270      0.76025
253  CRM#1171-e            1.00000     25.00000     33.43400     7.86100      0.75991
254  CRM#1171-f            1.00000     25.00000     33.43400     7.86180      0.76002
255  TERSLG10D-a 12-1      1.00000     25.00000     33.69000     7.84370      0.98876
256  TERSLG10D-b           1.00000     25.00000     33.69000     7.84510      0.98834
257  TERSLG10D-c           1.00000     25.00000     33.69000     7.84470      0.98767
258  TERSLG10D-d           1.00000     25.00000     33.69000     7.84490      0.98701
259  TERSLG135D-a          1.00000     25.00000     34.73000     7.79230      0.64331
260  TERSLG135D-b          1.00000     25.00000     34.73000     7.79180      0.64274
261  TERSLG135D-c          1.00000     25.00000     34.73000     7.79240      0.64309
262  TERSLG100D-a 13-      1.00000     25.00000     34.77000     7.77590      0.59282
263  TERSLG100D-b          1.00000     25.00000     34.77000     7.77670      0.59185
264  TERSLG100D-c          1.00000     25.00000     34.77000     7.77760      0.59198
265  TERSLG100D-d          1.00000     25.00000     34.77000     7.77710      0.59200


  #  Name              Abs<434nm>    Abs<730nm>
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  1  CRM#171-0102-a        0.47627    2.9850E-3
  2  CRM#171-0102-b        0.47683    2.2264E-3
  3  CRM#171-0102-c        0.47777    3.3574E-3
  4  CRM#171-0102-d        0.47677    2.7571E-3
  5  TRIS-a                0.37219   -2.9254E-3
  6  TRIS-b                0.37278   -1.1115E-3
  7  TRIS-c                0.37083   -3.4781E-3
  8  TRIS-d                0.37039   -3.4060E-3
  9  WALCRN2-a             0.80548      0.29393
 10  WALCRN2-b             0.77099      0.25435
 11  WALCRN2-c             0.74282      0.22774
 12  WALCRN2-d             0.72232      0.21213
```

```
  #  Name                Abs<434nm>      Abs<730nm>
-----------------------------------------------------
 13  WALCRN20-a           0.47684         8.6746E-3
 14  WALCRN20-b           0.47670         6.4092E-3
 15  WALCRN20-c           0.47764         6.1240E-3
 16  WALCRN70-a           0.48354        -1.8191E-3
 17  WALCRN70-b           0.48923        -2.1858E-3
 18  WALCRN70-c           0.48784        -3.8204E-3
 19  WALCRN70-d           0.48909        -3.0537E-3
 20  SCHOUWN10-a          0.53447         4.6754E-3
 21  SCHOUWN10-b          0.53419         4.7798E-3
 22  SCHOUWN10-c          0.53570         4.3468E-3
 23  SCHOUWN10-d          0.53333         3.4227E-3
 24  GOERE2-a             0.56060         1.9629E-2
 25  GOERE2-b             0.55772         1.6976E-2
 26  GOERE2-c             0.55733         1.6553E-2
 27  GOERE6-a             0.50734         2.4862E-3
 28  GOERE6-b             0.50859         3.2253E-3
 29  GOERE6-c             0.50730         2.0652E-3
 30  NOORDWK2-a           0.53208         1.5999E-2
 31  NOORDWK2-b           0.52775         1.1893E-2
 32  NOORDWK2-c           0.52713         1.0473E-2
 33  NOORDWK10-a          0.59301         4.2238E-3
 34  NOORDWK10-b          0.59509         3.7594E-3
 35  NOORDWK10-c          0.58952         4.3321E-3
 36  NOORDWK20-a          0.51261         6.8116E-3
 37  NOORDWK20-b          0.51450         6.2423E-3
 38  NOORDWK20-c          0.51444         6.0945E-3
 39  NOORDWK70-a          0.48541         1.4038E-3
 40  NOORDWK70-b          0.48336         4.1676E-4
 41  NOORDWK70-c          0.48467         1.3170E-3
 42  NOORDWK70-d          0.48276        -1.1158E-4
 43  TERSLG10-a           0.55069         8.5268E-3
 44  TERSLG10-b           0.54940         7.1573E-3
 45  TERSLG10-c           0.54849         6.2561E-3
 46  TERSLG50-a           0.51374         3.2868E-3
 47  TERSLG50-B           0.50986         6.5804E-4
 48  TERSLG50-c           0.51075         7.9107E-4
 49  TERSLG50-d           0.51059         2.3589E-3
 50  TERSLG100-a          0.50038        -3.5429E-4
 51  TERSLG100-b          0.49861        -1.1086E-3
 52  TERSLG100-c          0.49724        -1.9569E-3
 53  TERSLG135-a          0.50933         3.7942E-3
 54  TERSLG135-b          0.50892         3.8090E-3
 55  TERSLG135-c          0.50987         3.4618E-3
 56  TERSLG135-d          0.50836         2.3456E-3
 57  TERSLG135-e          0.50758         2.4571E-3
 58  TERSLG100D-a         0.52284         3.3159E-3
 59  TERSLG100D-b         0.52165         1.2226E-3
 60  TERSLG100D-c         0.52089         6.6185E-4
 61  WALCRN2-a            0.58800         1.2760E-3
 62  WALCRN2-b            0.58962         1.6785E-3
 63  WALCRN2-c            0.58987         8.5020E-4
 64  WALCRN2-d            0.58929         1.1663E-3
 65  WALCRN20-a           0.53296         1.3494E-4
 66  WALCRN20-b           0.53307        -2.3413E-4
 67  WALCRN20-c           0.53370         7.6342E-4
 68  WALCRN70-a           0.50604         4.6945E-3
 69  WALCRN70-b           0.50608         3.3431E-3
 70  WALCRN70-c           0.50448         2.3041E-3
 71  WALCRN70-d           0.50371         1.7843E-3
 72  SCHOUWN10-a          0.90398         0.32016
 73  SCHOUWN10-b          0.88987         0.30298
 74  SCHOUWN10-c          0.85582         0.26839
```

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  #  Name              Abs<434nm>      Abs<730nm>
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 75  SCHOUWN10-d         0.82435         0.24038
 76  SCHOUWN10-e         0.79988         0.21462
 77  GOERE2-a            0.52027        8.6012E-3
 78  GOERE2-b            0.52247        8.7357E-3
 79  GOERE2-c            0.52134        8.1363E-3
 80  GOERE2-d            0.52174        8.0504E-3
 81  GOERE2-e            0.52156        8.1835E-3
 82  GOERE6-a            0.57575        6.8703E-3
 83  GOERE6-b            0.57548        7.5064E-3
 84  GOERE6-c            0.57402        5.2557E-3
 85  GOERE6-d            0.57317        5.3020E-3
 86  NOORDWK2-a          0.46389       -3.9528E-2
 87  NOORDWK2-b          0.46253       -4.1584E-2
 88  NOORDWK2-c          0.46450       -4.0998E-2
 89  NOORDWK2-d          0.46156       -4.1094E-2
 90  NOORDWK2-e          0.46210       -4.1588E-2
 91  NOORDWK10-a         0.60652        7.0468E-2
 92  NOORDWK10-b         0.60953        7.1773E-2
 93  NOORDWK10-a         0.61067        7.2320E-2
 94  NOORDWK20-a         0.51559        3.7889E-3
 95  NOORDWK20-a         0.51243        1.9932E-3
 96  NOORDWK20-c         0.51217        1.2088E-3
 97  NOORDWK20-d         0.51321        1.6541E-3
 98  NOORDWK70-a         0.41571       -7.0622E-2
 99  NOORDWK70-b         0.41872       -6.7763E-2
100  NOORDWK70-c         0.41540       -7.1051E-2
101  TERSLG10-a          0.48667        5.9099E-3
102  TERSLG10-b          0.48984        5.5141E-3
103  TERSLG10-c          0.49132        5.3754E-3
104  TERSLG50-a          0.49211        1.3733E-3
105  TERSLG50-b          0.49344        1.6117E-3
106  TERSLG50-c          0.49253        3.1090E-4
107  TERSLG50-d          0.49108       -4.7684E-7
108  TERSLG100-a         0.47703        3.4957E-3
109  TERSLG100-b         0.47651        3.3984E-3
110  TERSLG100-c         0.47557        2.8639E-3
111  TERSLG135-a         0.49858        4.6496E-3
112  TERSLG135-b         0.49910        4.0464E-3
113  TERSLG135-c         0.49995        4.0355E-3
114  TERSLG135-d         0.49836        3.4566E-3
115  NOORDWK2D-a         0.50558        8.7833E-3
116  NOORDWK2D-b         0.50635        8.9903E-3
117  NOORDWK2D-c         0.50698        9.4776E-3
118  WALCRN2-a           0.53996        2.4257E-3
119  WALCRN2-b           0.53633        1.9522E-3
120  WALCRN2-c           0.53520        2.2745E-3
121  WALCRN2-d           0.53819        2.2492E-3
122  WALCRN10-a          0.53666        1.3900E-3
123  WALCRN10-b          0.54268        3.5892E-3
124  WALCRN10-c          0.54175        3.5019E-3
125  WALCRN10-d          0.54040        3.1471E-3
126  WALCRN10-e          0.54044        2.4719E-3
127  WALCRN70-a          0.54391        1.9827E-3
128  WALCRN70-b          0.54372        2.0442E-3
129  WALCRN70-c          0.54410        1.9803E-3
130  SCHOUWN10-a         0.51080       -4.0007E-4
131  SCHOUWN10-b         0.51649       -7.4387E-5
132  SCHOUWN10-c         0.51714       -5.0592E-4
133  SCHOUWN10-d         0.51693       -4.0722E-4
134  SCHOUWN10-e         0.51691       -1.5640E-4
135  GOERE2-a            0.54432        1.1349E-4
136  GOERE2-b            0.54169       -1.1659E-3
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  #  Name               Abs<434nm>    Abs<730nm>
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137  GOERE2-c             0.54435     -1.0481E-3
138  GOERE6-a             0.54685      4.0340E-3
139  GOERE6-b             0.54671      3.9630E-3
140  GOERE6-c             0.54665      3.1157E-3
141  NOORDWK2-a           0.50396      1.9007E-3
142  NOORDWK2-b           0.50425      1.6880E-3
143  NOORDWK2-c           0.50441      1.5221E-3
144  NOORDWK10-a          0.46706      3.1748E-3
145  NOORDWK10-b          0.46345      3.5615E-3
146  NOORDWK10-c          0.45562      2.2082E-3
147  NOORDWK10-d          0.46140      3.7951E-3
148  NOORDWK20-a          0.45240      1.7591E-3
149  NOORDWK20-b          0.45146      1.8911E-3
150  NOORDWK20-c          0.45214      2.0642E-3
151  NOORDWK20-d          0.45297      1.8859E-3
152  NOORDWK20-e          0.45229      1.6212E-3
153  NOORDWK70-a          0.54559      9.6703E-4
154  NOORDWK70-b          0.54400      3.7575E-4
155  NOORDWK70-c          0.54750      9.6798E-5
156  TERSLG10-a           0.53999      3.8934E-3
157  TERSLG10-b           0.53560     -3.2806E-4
158  TERSLG10-c           0.53504     -1.1821E-3
159  WALCRN20D-a          0.51502      3.2506E-3
160  WALCRN20D-b          0.51614      3.6144E-3
161  WALCRN20D-c          0.51350      2.3909E-3
162  WALCRN20D-d          0.51351      2.4796E-3
163  WALCRN20D-e          0.50754     -3.0804E-4
164  WALCRN20D-f          0.50863     -4.7350E-4
165  CRM#171-a            0.51341      3.1338E-3
166  CRM#171-b            0.51591      4.3397E-3
167  CRM#171-c            0.51496      3.1295E-3
168  CRM#171-d            0.51431      3.4103E-3
169  CRM#171-a 08-05-     0.51960      1.2949E-2
170  CRM#171-b            0.51969      1.2645E-2
171  CRM#171-c            0.51991      1.2341E-2
172  TRIS-a               0.47293      1.5063E-3
173  TRIS-b               0.47611      1.6961E-3
174  TRIS-c               0.47528      1.4734E-4
175  TRIS-d               0.47718      1.4410E-3
176  TERSLG50-a           0.59295      1.2808E-3
177  TERSLG50-b           0.59273      5.4789E-4
178  TERSLG50-c           0.59211      5.7220E-6
179  TERSLG50-d           0.59308     -4.3392E-4
180  TERSLG100-a          0.59307      4.9658E-3
181  TERSLG100-b          0.59163      5.1470E-3
182  TERSLG100-c          0.59032      4.9434E-3
183  TERSLG135-a          0.59803     -1.8930E-4
184  TERSLG135-b          0.59773     -7.6151E-4
185  TERSLG135-c          0.59733     -8.3256E-4
186  TERSLG175-a          0.59409      2.2144E-3
187  TERSLG175-b          0.59477      7.5817E-5
188  TERSLG175-c          0.59356      1.3423E-3
189  TERSLG175-d          0.59528      1.4315E-3
190  TERSLG235-a          0.55634     -2.5816E-3
191  TERSLG235-b          0.55722     -2.7690E-3
192  TERSLG253-c          0.55688     -3.0189E-3
193  WALCRN2-a            0.62955      2.1043E-2
194  WALCRN2-b            0.63148      2.2643E-2
195  WALCRN2-c            0.62878      1.9607E-2
196  WALCRN20-a           0.64584      1.0468E-2
197  WALCRN20-b           0.64552      9.0075E-3
198  WALCRN20-c           0.64344      7.7572E-3
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   #  Name              Abs<434nm>    Abs<730nm>
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 199  WALCRN70-a          0.57281      2.9211E-3
 200  WALCRN70-b          0.57207      2.1677E-3
 201  WALCRN70-c          0.56887      1.6794E-3
 202  WALCRN70-d          0.57057      1.5893E-3
 203  SCHOUWN10-a         0.62245      2.4061E-3
 204  SCHOUWN10-b         0.61877     -3.3522E-4
 205  SCHOUWN10-c         0.62068      1.8644E-4
 206  GOERE2-a            0.62618      2.3742E-2
 207  GOERE2-b            0.62464      2.1246E-2
 208  GOERE2-c            0.62287      2.1265E-2
 209  GOERE2-d            0.62366      2.0283E-2
 210  GOERE6-a            0.55186     -4.2252E-2
 211  GOERE6-b            0.55370     -4.1039E-2
 212  GOERE6-c            0.55546     -3.9899E-2
 213  NOORDWK2-a          0.58820     -1.3385E-3
 214  NOORDWK2-b          0.57514     -9.9669E-3
 215  NOORDWK2-c          0.57111     -1.3435E-2
 216  NOORDWK2-d          0.56439     -2.0690E-2
 217  NOORDWK10-a         0.59115      7.8506E-3
 218  NOORDWK10-b         0.59233      9.0799E-3
 219  NOORDWK10-c         0.59028      7.6799E-3
 220  NOORDWK20-a         0.66841      2.4033E-3
 221  NOORDWK20-b         0.66750      1.5206E-3
 222  NOORDWK20-c         0.66564     -4.7874E-4
 223  NOORDWK70-a         0.55505     -2.9464E-3
 224  NOORDWK70-c         0.55479     -3.1734E-3
 225  NOORDWK70-c         0.55433     -3.0670E-3
 226  TERSLG10-a          0.51914      2.8148E-3
 227  TERSLG10-b          0.51951      2.3251E-3
 228  TERSLG10-c          0.51902      2.4223E-3
 229  TERSLG10-d          0.51903      2.8434E-3
 230  TERSLG50-a          0.57574      5.4865E-3
 231  TERSLG50-b          0.57445      5.4097E-3
 232  TERSLG50-c          0.57402      4.6678E-3
 233  TERSLG100-a         0.55773      6.3334E-3
 234  TERSLG100-b         0.55636      5.6291E-3
 235  TERSLG100-c         0.55702      6.0053E-3
 236  TERSLG135-a         0.56271     -6.5546E-3
 237  TERSLG135-b         0.56288     -6.4554E-3
 238  TERSLG135-c         0.56257     -7.1173E-3
 239  NOORDWK10D-a 31-    0.59662     -2.8439E-3
 240  NOORDWK10D-b        0.59743     -3.1605E-3
 241  NOORDWK10D-c        0.59828     -2.4152E-3
 242  NOORDWK10D-d        0.59744     -2.7986E-3
 243  NOORDWK20D-a 14-    0.50593     -5.6642E-2
 244  NOORDWK20D-b        0.50511     -5.7292E-2
 245  NOORDWK20D-c        0.50627     -5.6600E-2
 246  TERSLG50D-a 31-1    0.58129      4.0455E-3
 247  TERSLG50D-b         0.58367      5.4760E-3
 248  TERSLG50D-c         0.58151      4.4951E-3
 249  CRM#1171-a          0.52158      1.3356E-3
 250  CRM#1171-b          0.52053      1.4558E-3
 251  CRM#1171-c          0.52197      1.3595E-3
 252  CRM#1171-d          0.52045      1.2522E-3
 253  CRM#1171-e          0.52202      9.3460E-4
 254  CRM#1171-f          0.52126      1.0633E-3
 255  TERSLG10D-a 12-1    0.70402      6.9261E-3
 256  TERSLG10D-b         0.70132      5.3496E-3
 257  TERSLG10D-c         0.70109      4.5009E-3
 258  TERSLG10D-d         0.70033      4.2152E-3
 259  TERSLG135D-a        0.50719     -1.4658E-3
 260  TERSLG135D-b        0.50710     -2.4185E-3
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    #  Name                    Abs<434nm>     Abs<730nm>
    ------------------------------------------------------
    261 TERSLG135D-c            0.50682        -2.1615E-3
    262 TERSLG100D-a 13-        0.48473         2.3351E-3
    263 TERSLG100D-b            0.48297         1.7104E-3
    264 TERSLG100D-c            0.48212         1.6513E-3
    265 TERSLG100D-d            0.48259         1.4052E-3


    Report generated by : Cary 8454               Signature: ................

    --------------------------------------------------------------------------------
                        *** End Ratio/Equation Report ***
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    #  Name                    Abs<434nm>     Abs<730nm>
    ------------------------------------------------------
    261 TERSLG135D-c            0.50682        -2.1615E-3
    262 TERSLG100D-a 13-        0.48473         2.3351E-3
    263 TERSLG100D-b            0.48297         1.7104E-3
    264 TERSLG100D-c            0.48212         1.6513E-3
    265 TERSLG100D-d            0.48259         1.4052E-3
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