```
F VAN WAMBEKE......  BP   = Product. Bacterienne   FL   = Flagelles            CL = Cilies

P MAYZAUD   .......  MPRC = Mesure Processus       IBID =

H CLAUSTRE  .......  HPLC = Pigments

C FERNANDEZ .......  SNUT = Sels Nutritifs

T MOUTIN    .......  EE   = Essai enrichissenent   CIPP = Cinetique PP        CIAP = Cinetique AP
                     PP   = Production Primaire     AP   = Assimil. Phosphate
                     PT = Ptotal    PA = Pparticulaire   CH = Chlo a

S BLAIN     .......  Quantification des flux d'absorbtion et de regeneration des formes de l'azote
                     QFA3 = NO3 + NH4 + Uree
                     QFA6 = NO3 + NH4 + Uree + NOP + Chla + ANO3
                     QFA9 = NO3 + NH4 + Uree + NOP + Chla + Phyto + ANH4 + ANO3 + Auree
                     QFAN = NO3 + NH4 + Uree + NOP + Chla +  "NOD"  + ANH4 + ANO3 + Auree + RNH4
                     QFAP = NO3 + NH4 + Uree + NOP + Chla + "Phyto" + ANH4 + ANO3 + Auree + RNH4
                     QFND = NO3 + NH4 + Uree + NOP + Chla +  "NOD"  + ANH4 + ANO3 + Auree + RNH4 + RNO3 + Ruree
                     QFPH = NO3 + NH4 + Uree + NOP + Chla + "Phyto" + ANH4 + ANO3 + Auree + RNH4 + RNO3 + Ruree

K LEBLANC   ........ SIL3 = Silice Biogenique et Lithogenique + Silicates
                     SIL4 = Silice Biogenique et Lithogenique + Silicates + Phytoplancton
                     SIL5 = Silice Biogenique et Lithogenique + Silicates + Phytoplancton + Uptake de Si
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********************************************************************************************************************
********************************************************************************************************************
|******||                                       NUMEROS de BOUTEILLES                  |
********************************************************************************************************************
********************************************************************************************************************
| NST || 1  | 2  | 3  | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
********************************************************************************************************************
********************************************************************************************************************
| 1080 || 2001 | 2000 | 2000 |2001 |2001 |2001 |2001 |2000 |2002 |2001 |2002 |2001|2002|2001|2002|2001|2002|2003|2001|2002|2002|
| Jour ||      |      |      |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
********************************************************************************************************************
| 1081 || 101 | 82 | 57 | 40 | 19 | 5 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 |
| Nuit || QFA3 | QFA3 | QFA3 | QFA3| QFA3| QFA6| QFA6| QFA6| QFA6| QFA6| QFA6|QFA6|QFA6|QFA6|QFA6|QFA6|QFA6|QFA6|QFA6|QFA6|QFA6|
********************************************************************************************************************
| 1082 || 1002 | 1002 | 1002 |1002 | 500 | 300 | 248 | 199 | 183 | 178 | 160 |140 |121 |100 | 78 | 61 | 40 | 21 | 11 | 6 | 6 |
| Jour || HPLC | HPLC | HPLC |HPLC |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
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        ****************************************************************************************************
        | 1083 || 1498 | 1000 |  799 |  595 |  500 |  399 |  300 |  199 |  149 |  101 |   80 |  61 |  50 |  39 |  40 |  31 |  21 |  10 |   5 |   5 |   5 |
        | Jour ||      |      |      |  BP  |      |  BP  |  BP  |  BP  |      |  BP  |      |  BP |  BP |  BP |     |  BP |  BP |  BP |     |     |  BP |
        |      ||      |      |      |  FLCL|      |  FLCL|  FLCL|  FLCL|      |  FLCL|      | FLCL|FLCL|FLCL|     | FLCL|FLCL|FLCL|     |     |FLCL|
        |      ||      |      |      |      |      |      |      |  HPLC|  HPLC|  HPLC|  HPLC|HPLC|HPLC|HPLC|     |HPLC|HPLC|HPLC| EE  |     |HPLC|
        |      || SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL4 | SIL3 |SIL4|SIL3|     |SIL4|SIL3|SIL3|SIL4|     |     |SIL4|
        ****************************************************************************************************
        | 1084 || 1002 | 1002 |  397 |  396 |  200 |  197 |  134 |  132 |  129 |   80 |   80 |  79 |  51 |  50 |  51 |  30 |  28 |  29 |  10 |  10 |  10 |
        | Jour ||      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |
        ****************************************************************************************************
        | 1085 ||  501 |  499 |  299 |  200 |  101 |   49 |   19 |   10 |    9 |   10 |   10 |   4 |     |     |     |     |     |     |     |     |     |
        | Nuit ||      |      |      |      |      |      |      | MPRC| MPRC| MPRC| MPRC|     |     |     |     |     |     |     |     |     |     |
        |      ||      | HPLC |      | HPLC | HPLC | HPLC |      |      |      |      |      |HPLC|     |     |     |     |     |     |     |     |     |
        ****************************************************************************************************
        | 1086 || 1001 |  999 | 1000 |  901 |  900 |  901 |  801 |  801 |  800 |  702 |  701 |701 |600 |599 |600 |500 |500 |501 |400 |399 |400 |
        | Nuit ||      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |
        ****************************************************************************************************
        | 1087 ||  302 |  303 |  302 |  202 |  201 |  202 |  151 |  150 |  100 |  101 |   81 |  80 |  59 |  50 |  39 |  29 |  20 |  10 |   6 |   5 |   5 |
        | Nuit ||      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |
        ****************************************************************************************************
        | 1088 ||   59 |   59 |   59 |   60 |   60 |   41 |   41 |   41 |   41 |   40 |    5 |   5 |   5 |   6 |   6 |   6 |   6 |   6 |   6 |   6 |   5 |
        | Nuit || QFA9 | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 |QFA9|QFA9|QFA9|QFA9|QFA9|QFA9|QFA9|QFA9|     |     |
        ****************************************************************************************************
        | 1089 ||  101 |  101 |   82 |   83 |   61 |   59 |   59 |   50 |   51 |   51 |   40 |  40 |  40 |  30 |  30 |  20 |  20 |  20 |   6 |   6 |   6 |
        | Nuit ||      | QFND |      | QFAN |      | QFND |      |      | QFAN |      | QFND |     |QFAN|     |QFND|     |QFND|     |     |QFND|     |
        ****************************************************************************************************
        | 1090 ||  101 |  101 |   80 |   81 |   61 |   60 |   60 |   51 |   50 |   51 |   39 |  40 |  40 |  31 |  31 |  21 |  21 |  21 |   6 |   5 |   5 |
        | Jour ||      |  BP  |      |  BP  |      |  BP  |      |      |  BP  |      |      |  BP |     |     |  BP |     |  BP |     |     |  BP |     |
        |      ||      | HPLC |      | HPLC |      | HPLC |      |      | HPLC |      |      |HPLC |     |     |HPLC |     |HPLC |     |     |HPLC |     |
        |      ||      | PPAP |      | PPAP |      | PPAP |      |      | PPAP |      |      |PPAP |     |     |PPAP |     |PPAP |     |     |PPAP |     |
        |      ||      |      |      |      |      | PTPA |      |      |      |      |      |PTPA |     |     |     |     |     |     |     |PTPA |     |
        |      ||      |      |      |      |      | CH   |      |      |      |      |      | CH  |     |     |     |     |     |     |     | CH  |     |
        |      || SIL5 |      | SIL5 |      |      |      | SIL5 |      |      | SIL5 |      |     |SIL5 |SIL5 |     |SIL5 |     |     |     |     |SIL5 |
        ****************************************************************************************************
        | 1091 ||  800 |  601 |  398 |  302 |  297 |  248 |  200 |  171 |  166 |  160 |  140 |121 |100 |100 | 81 | 62 | 42 | 41 | 21 |  6 |  5 |
        | Jour ||      |      |      | HPLC |      |      |      | HPLC |      |      |      |HPLC|     |     |     |     |HPLC|     |     |HPLC|     |
        ****************************************************************************************************
        | 1092 ||  998 |  798 |  598 |  499 |  401 |  300 |  198 |  149 |  101 |   79 |   59 |  51 |  40 |  40 |  30 |  21 |  21 |  11 |   6 |   5 |   6 |
        | Jour ||      |  BP  |      |  BP  |      |  BP  |  BP  |      |  BP  |      |  BP |  BP |  BP |     |  BP |  BP |     |  BP |     |     |  BP |
        |      ||      | FLCL |      | FLCL |      | FLCL | FLCL |      | FLCL |      | FLCL|FLCL|FLCL|     |FLCL|FLCL|     |FLCL|     |     |FLCL|
        |      ||      |      |      |      |      |      | HPLC | HPLC | HPLC | HPLC |HPLC |HPLC|     |HPLC|HPLC|     |HPLC|HPLC|     |HPLC|     |
        ****************************************************************************************************
        | 1093 || 2004 | 1500 |  999 |  497 |  197 |  148 |  101 |   79 |   60 |   50 |   41 |  31 |  21 |  11 |  11 |  11 |  11 |  10 |  11 |  11 |   5 |
        | Jour ||      |      |      |      | HPLC | HPLC | HPLC | HPLC | HPLC | HPLC | HPLC|HPLC|HPLC|IBID|IBID|IBID|IBID|IBID|IBID|HPLC|HPLC|
        ****************************************************************************************************
        | 1094 || Nuit |
        ****************************************************************************************************
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ID	Type																					
1095	Nuit																					
1096	Nuit																					
1097	Nuit																					
1098	Nuit																					
1099	Jour																					
1100	Jour																					
1101	Jour																					
1102	Jour																					
1103	Jour																					
1104	Jour																					
1105	Nuit																					
1106	Nuit																					
1107	Nuit																					
1108	Nuit	100 QFA3	81 QFA3	62 QFA3	40 QFA3	22 QFA3	10 QFA6	9 QFA6	10 QFA6	10 QFA6	10 QFA6	10 QFA6	9 QFA6	9 QFA6	9 QFA6	10 QFA6	10 QFA6	9 QFA6	10 QFA6	10 QFA6	10 QFA6	9 QFA6
1109	Jour	1500	1003	503	503	499	500	299	202	202	200	145	99	82	79	59	49	38	29	19	10	6
1110	Nuit	999	999	1002 HPLC	902 HPLC	900 HPLC	897 HPLC	803	800	798	701	703	698	600	600	596	502	499	497	401	401	399
1111	Nuit	302	301	304	201	203	203	151	151	101	100	79	80	58	51	38	30	19	8	5	6	5
1112	Nuit	61 QFA9	60 QFA9	60 QFA9	61 QFA9	41 QFA9	41 QFA9	42 QFA9	42 QFA9	10 QFA9	11 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10	10
1113	Jour	999	798 HPLC	601	402	200	150	113 HPLC	111	102	81 HPLC	80	70	60	49	39 HPLC	39	30	19	10 HPLC	4	5
1114	Jour	997	798	600 BP FLCL	499	403 BP FLCL	301 BP FLCL	200 BP FLCL	150	101 BP FLCL	80	60 BP FLCL	50 BP FLCL	42 BP FLCL	39	30 BP FLCL	21 BP FLCL	19	10 BP FLCL	8	7	7 BP FLCL

ID	Période	SIL3	SIL3		SIL3		HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL4		HPLC SIL4	HPLC SIL4		HPLC SIL4	HPLC SIL4	EE	HPLC SIL4	
1115	Jour	403 HPLC	403 HPLC	400	398 HPLC	205	151	102	81	58	50	39	29	21	12 IBID	12 IBID	12 IBID	13 IBID	11 IBID	12 IBID	13	4
1116	Nuit	100	99 QFPH	61	61 QFPH	60	50	50 QFAP	50	40	40 QFPH	40	31	31 QFA9	30	21	21 QFPH	21	5	5	6 QFPH	5
1117	Nuit	81 HPLC SIL5	82	61	61 BP HPLC PPAP PTPA CH	61	51 SIL5	51 BP HPLC PPAP	51	41 SIL5	40 BP HPLC PPAP PTPA CH	40	31 SIL5	33 BP HPLC PPAP SIL5	21	22 BP HPLC PPAP SIL5	22	21	21	11	11 BP HPLC PPAP PTPA CH SIL5	11
1118	Jour	2000	1500	997	901	802	700	599	499	401 HPLC	300	199	148 HPLC	98	79	61 HPLC	53	41 HPLC	29	21	9 HPLC	6
1119	Jour	1000	801	602 BP FLCL	501	399 BP	299 BP FLCL	198 BP FLCL HPLC	151 HPLC	102 BP FLCL HPLC	82 HPLC	58 BP FLCL HPLC	49 BP FLCL HPLC	41 BP FLCL HPLC	37	31 BP FLCL HPLC	20 BP FLCL HPLC	19	9 BP FLCL HPLC	5 HPLC	5	2 BP FLCL HPLC
1120	Jour	1002	997	401	398	199	197	131	127	127	83	81	80	55	51	46	33	31	30	12	12	8
1123	Jour																				10	4 SNUT
1124	Jour																				12	4 SNUT
1125	Nuit																				9	4 SNUT
1126	Nuit																				10	3 SNUT
1127	Nuit																				8	4 SNUT
1128	Nuit																				10	3 SNUT
1129																					10	3

Nuit																					SNUT
1130 Jour																			10	5 SNUT	
1131 Jour																			11	3 SNUT	
1132 Jour																			10	4 SNUT	
1133 Jour																			10	4 SNUT	
1134 Jour																			10	2 SNUT	
1135 Jour																			9	3 SNUT	
1136 Nuit																			9	5 SNUT	
1137 Nuit	40	41	21	6	6	6	5	5	6	5	5	6	6	6	6	5	5	6	6	199	79
	QFA3	QFA3	QFA3	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA3	QFA3
1138 Jour	1499	1000	495	299	199	201	201	149	120	10`	90	80	68	60	50	40	31	20	10	5	1
					HPLC			HPLC		HPLC					HPLC				HPLC		
1139 Jour	1001	800	603	499	396	300	200	148	101	79	62	51	41	37	30	20	18	9	6	6	7
			BP		BP	BP	BP		BP		BP	BP	BP		BP	BP		BP			BP
			FLCL		FLCL	FLCL	FLCL		FLCL		FLCL	FLCL	FLCL		FLCL	FLCL		FLCL			FLCL
					HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC			HPLC	HPLC		HPLC	HPLC	EE	HPLC
1140 Jour	1001	997	406	399	204	200	136	131	131	83	83	80	50	50	51	31	32	29	12	11	9
1141 Jour	1503	1000	601	601	601	397	201	149	97	68	51	30	19	11	12	12	13	12	12	12	4
			HPLC	HPLC	HPLC									IBID	IBID	IBID	IBID	IBID	IBID		
1142 Nuit	1002	1000	1001	900	902	901	802	803	804	699	701	700	585	583	585	495	498	498	400	399	399
1143 Nuit	302	303	302	203	201	202	150	151	98	99	81	81	59	49	39	30	20	8	5	5	5

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| 1144 ||   60 |   60 |   60 |   60 |   42 |   42 |   42 |   42 |    4 |    5 |    4 |    5 |    4 |    5 |    5 |    4 |    4 |    5 |    4 |    4 |    5 |
| Nuit || QFA9 | QFA9 | QFA9 | QFA9| QFA9| QFA9| QFA9| QFA9| QFA9| QFA9| QFA9|QFA9|QFA9|QFA9|QFA9|QFA9|QFA9|QFA9|     |     |
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| 1145 ||  101 |  100 |   79 |   82 |   62 |   62 |   61 |   52 |   51 |   51 |   41 |   39 |   38 |   30 |   31 |   21 |   21 |   21 |    5 |    6 |    6 |
| Nuit ||      | QFND |      | QFAN|     | QFND|     |     | QFAN|     |     |QFND|     |     |QFAN|     |QFND|     |     |QFND|     |
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| 1146 ||  101 |   99 |   80 |   81 |   61 |   60 |   61 |   50 |   50 |   50 |   41 |   41 |   41 |   30 |   30 |   21 |   21 |   21 |    6 |    5 |    5 |
| Nuit ||      |      |      | BP  |     | BP  |     |     | BP  |     |     | BP  |     |     | BP  |     | BP  |     |     | BP  |     |
|      ||      | HPLC |      | HPLC|     | HPLC|     |     | HPLC|     |     |HPLC|     |     |HPLC|     |HPLC|     |     |HPLC|     |
|      ||      |      |      | PPAP|     | PPAP|     |     | PPAP|     |     |PPAP|     |     |PPAP|     |PPAP|     |     |PPAP|     |
|      ||      |      |      |     |     | PTPA|     |     |     |     |     |PTPA|     |     |     |     |     |     |     |PTPA|     |
|      ||      |      |      |     |     | CH  |     |     |     |     |     | CH  |     |     |     |     |     |     |     | CH  |     |
|      ||      | SIL5 |      | SIL5 |     |     |     | SIL5|     |     | SIL5|     |     |SIL5|SIL5|     |     |SIL5|     |SIL5|
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| 1147 ||  801 |  597 |  404 |  399 |  390 |  197 |  147 |  100 |   89 |   79 |   70 |   60 |   52 |   48 |   41 |   28 |   21 |    9 |    6 |    5 |    6 |
| Jour ||      |      |      |      |     | HPLC|     | HPLC|     |     | HPLC|     |     |HPLC|     |     |HPLC|     |     |     |     |
*************************************************************************************************************************************************
| 1148 ||  998 |  799 |  596 |  498 |  399 |  301 |  201 |  150 |  100 |   81 |   59 |   51 |   41 |   31 |   18 |    9 |    5 |    4 |    3 |    3 |    3 |
| Jour ||      |      |      |      |     |     | HPLC| HPLC| HPLC| HPLC| HPLC|HPLC|HPLC|HPLC|HPLC|HPLC|     |     |     |HPLC|     |
|      || SIL3 | SIL3 | SIL3 | SIL3| SIL3| SIL3| SIL3| SIL3| SIL3| SIL3| SIL3|SIL4|SIL4|SIL4|SIL4|     |     |     |     |SIL4|
*************************************************************************************************************************************************
| 1149 || 1498 |  997 |  800 |  800 |  800 |  502 |  298 |  148 |  100 |   60 |   49 |   29 |   19 |   10 |   10 |   10 |   10 |   10 |    9 |   10 |    4 |
| Nuit ||      |      | HPLC | HPLC| HPLC|     |     |     |     |     |     |     |     |IBID|IBID|IBID|IBID|IBID|IBID|     |     |
*************************************************************************************************************************************************
| 1150 || 2004 | 1500 |  998 |  498 |  399 |  299 |  199 |  149 |  100 |   78 |   60 |   50 |   41 |   39 |   30 |   21 |   19 |   10 |    5 |    5 |    5 |
| Jour ||      |      |      |      |     |     | HPLC| HPLC| HPLC| HPLC| HPLC|HPLC|     |HPLC|HPLC|     |HPLC|HPLC|HPLC|     |     |
*************************************************************************************************************************************************
| 1151 ||   10 |    4 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Jour ||      | SNUT |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*************************************************************************************************************************************************
| 1152 ||    8 |    4 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Jour ||      | SNUT |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*************************************************************************************************************************************************
| 1153 ||   11 |    5 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nuit ||      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*************************************************************************************************************************************************
| 1154 ||    9 |    2 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nuit ||      | SNUT |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*************************************************************************************************************************************************
| 1155 ||    8 |    3 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nuit ||      | SNUT |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*************************************************************************************************************************************************
| 1156 ||   10 |    4 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nuit ||      | SNUT |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*************************************************************************************************************************************************
| 1157 ||   10 |    4 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nuit ||      | SNUT |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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|      || CIPP | CIPP |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
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| 1158 ||   10 |    4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1159 ||   12 |    4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1160 ||   10 |    4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1161 ||   10 |    4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1162 ||   10 |    4 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1163 ||   11 |    6 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1164 ||   10 |    5 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Jour ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1165 ||   10 |    5 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Nuit ||      | SNUT |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
************************************************************************************************************************************************************
| 1166 ||  101 |   79 |   58 |   40 |   19 |    4 |    4 |    5 |    4 |    5 |    4 |    4 |    5 |    4 |    4 |    5 |    4 |    4 |    5 |    4 |    5 |
| Nuit || QFA3 | QFA3 | QFA3 | QFA3 | QFA3 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 | QFA6 |
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| 1167 || 1502 |  998 |  499 |  200 |  201 |  202 |  150 |  117 |  101 |   88 |   78 |   69 |   58 |   48 |   37 |   28 |   19 |   10 |    6 |    5 |    5 |
| Jour ||      |      |      |      |      |      | HPLC |      | HPLC |      | HPLC |      | HPLC |      |      |      |      | HPLC |      |      |      |
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| 1168 ||  996 |  798 |  600 |  499 |  400 |  299 |  197 |  152 |   97 |   82 |   60 |   50 |   41 |   40 |   30 |   21 |   20 |    9 |    4 |    5 |    5 |
| Jour ||      |      |   BP |      |   BP |   BP |   BP |      |   BP |      |   BP |   BP |   BP |      |   BP |   BP |      |   BP |      |      |   BP |
|      ||      |      | FLCL |      | FLCL | FLCL | FLCL |      | FLCL |      | FLCL | FLCL | FLCL |      | FLCL | FLCL |      | FLCL |      |      | FLCL |
|      ||      |      |      |      |      |      | HPLC | HPLC | HPLC | HPLC | HPLC | HPLC |      |      | HPLC | HPLC |      | HPLC | HPLC |      | HPLC |
|      || SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL3 | SIL4 |      | SIL4 | SIL4 |      | SIL4 |      |      | SIL4 |
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| 1169 || 1003 | 1000 |  399 |  401 |  202 |  201 |  131 |  132 |  134 |   80 |   80 |   81 |   49 |   49 |   52 |   31 |   30 |   31 |   11 |   13 |   10 |
| Jour ||      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
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| 1170 || 1504 |  996 |  699 |  501 |  401 |  299 |  201 |  149 |  100 |   84 |   70 |   51 |   40 |   28 |   19 |   12 |   13 |   13 |   12 |   13 |   12 |
| Jour ||      |      | HPLC | HPLC | HPLC |      |      |      |      |      |      |      |      | IBID | IBID | IBID | IBID | IBID | IBID |      |      |
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| 1171 ||   60 |      |   60 |   61 |   59 |   42 |   40 |      |   40 |   40 |    7 |      |    7 |    6 |      |    7 |    7 |    6 |      |    6 |    6 |
| Nuit || QFA9 |      | QFA9 | QFA9 | QFA9 | QFA9 | QFA9 |      | QFA9 | QFA9 | QFA9 |      | QFA9 | QFA9 |      | QFA9 | QFA9 | QFA9 |      | QFA9 | QFA9 |
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| 1172 ||  102 |  102 |     |  80 |  81 |  60 |  61 |     |  51 |  51 |  41 |     |  41 |  31 |     |  30 |  20 |  20 |     |  10 |  10 |
| Nuit ||      | QFND |     |     | QFAN|     | QFND|     |     | QFAN|     |     |QFND |     |     |QFAN |     |QFND |     |     | QFND|
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| 1173 ||  101 |  102 |     |  81 |  82 |  61 |  61 |     |  50 |  49 |  41 |     |  40 |  30 |     |  30 |  21 |  21 |     |  10 |   9 |
| Nuit ||      |      |     |  BP |     |  BP |     |     |  BP |     |  BP |     |     |  BP |     |     |  BP |     |     |  BP |     |
|      ||      | HPLC |     | HPLC|     | HPLC|     |     | HPLC|     | HPLC|     |     | HPLC|     |     | HPLC|     |     | HPLC|     |
|      ||      |      |     | PPAP|     | PPAP|     |     | PPAP|     | PPAP|     |     | PPAP|     |     | PPAP|     |     | PPAP|     |
|      ||      |      |     |     |     |     | PTPA|     |     |     | PTPA|     |     |     |     |     |     |     |     | PTPA|     |
|      ||      | SIL5 |     |     | SIL5|  CH | SIL5|     |     | SIL5|  CH |     |SIL5 |     |     |SIL5 |     |SIL5 |     |  CH |SIL5 |
*********************************************************************************************************************************************
| 1174 ||  152 |  145 |     | 101 | 101 |  91 |  81 |     |  73 |  68 |  60 |     |  49 |  42 |     |  38 |  30 |  20 |     |   9 |   7 |
| Jour ||      | HPLC |     |     | HPLC|     |     |     |     | HPLC|     |     |     |     |     |HPLC |     |     |     |     | HPLC|
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| 1175 ||  401 |  401 |     | 402 | 128 | 125 |  83 |     |  79 |  52 |  50 |     |  31 |  28 |     |  10 |  10 |  10 |     |  10 |  10 |
| Jour ||      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*********************************************************************************************************************************************
| 1176 || 1000 |  598 |     | 404 | 299 | 199 | 100 |     |  81 |  60 |  50 |     |  41 |  41 |     |  29 |  20 |  10 |     |   6 |   4 |
| Jour ||      |  BP  |     |  BP |  BP |  BP |  BP |     |     |  BP |  BP |     |  BP |     |     |  BP |  BP |  BP |     |     |  BP |
|      ||      | FLCL |     | FLCL| FLCL| FLCL| FLCL|     |     | FLCL| FLCL|     |FLCL |     |     |FLCL |FLCL |FLCL |     |     |FLCL |
|      ||      |      |     |     |     | HPLC| HPLC|     | HPLC| HPLC| HPLC|     |     | HPLC|     |HPLC |HPLC |HPLC |     |HPLC |     |
|      ||      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 1177 || 1002 |  402 |     | 401 | 198 |  98 |  80 |     |  59 |  41 |  27 |     |  18 |   9 |     |   8 |   7 |   6 |     |   4 |   4 |
| Jour ||      |      |     |     | HPLC| HPLC| HPLC|     | HPLC| HPLC| HPLC|     |HPLC |     |     |     |     |     |     |     | HPLC|
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| 1178 || 1000 | 1000 |     |1000 | 901 | 901 | 900 |     | 800 | 801 | 800 |     |699  |700  |     |700  |600  |601  |     |601  |600  |
| Nuit ||      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 1179 ||  501 |  502 |     | 501 | 400 | 400 | 400 |     | 301 | 301 | 299 |     |201  |201  |     |200  |152  |148  |     |101  |101  |
| Jour ||      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 1180 ||   83 |   79 |     |  60 |  50 |  40 |  30 |     |  20 |  19 |   6 |     |   5 |   6 |     |   6 |   5 |   6 |     |   6 |   6 |
| Jour ||      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 1181 || 2001 | 1002 |     |1002 | 999 | 499 | 199 |     | 150 | 100 |  81 |     |  60 |  51 |     |  39 |  31 |  20 |     |  11 |   5 |
| Jour ||      | HPLC |     |HPLC | HPLC|     |     |     | HPLC| HPLC| HPLC|     |HPLC |     |     |HPLC |     |HPLC |     |HPLC |HPLC |
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| 1182 || 1997 | 1497 |     | 997 | 799 | 599 | 499 |     | 400 | 297 | 199 |     |129  | 78  |     |  49 |  29 |   9 |     |   5 |   5 |
| Nuit ||      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
*********************************************************************************************************************************************
| 1183 ||  101 |  100 |     |  61 |  61 |  61 |  50 |     |  50 |  41 |  41 |     |  30 |  30 |     |  19 |  19 |  20 |     |   6 |   5 |
| Nuit ||      | QFND |     |     | QFND|     |     |     | QFAN|     | QFND|     |     |QFAN |     |     |QFND |     |     |     | QFND|
*********************************************************************************************************************************************
| 1184 ||  100 |  100 |     |  81 |  80 |  60 |  61 |     |  50 |  50 |  40 |     |  41 |  30 |     |  30 |  21 |  21 |     |  11 |  10 |
| Nuit ||      |      |     |     |     |  PP |     |     |  PP |     |  PP |     |     |  PP |     |     |  PP |     |     |  PP |     |
|      ||      | SIL5 |     |     | SIL5|     | SIL5|     |     | SIL5|     |     |SIL5 |     |     |SIL5 |     |SIL5 |     |     |SIL5 |
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1185 Jour	1001 SIL3	602 SIL3		397 SIL3	301 SIL3	201 HPLC SIL3	99 HPLC SIL3		82 HPLC SIL3	59 HPLC SIL3	48 HPLC SIL4	43	40 HPLC SIL3		29 HPLC SIL4	20 HPLC SIL3	10 HPLC		6 HPLC	4 SIL4
1186 Jour	1001	5 SNUT																		
1187 Jour	11	5 SNUT																		
1188 Jour	12	5 SNUT																		
1189 Nuit	11	5 SNUT																		
1190 Nuit	10	5 SNUT																		
1191 Nuit	6	4 SNUT																		
1192 Nuit	9	4 SNUT																		
1193 Nuit	10	3 SNUT																		
1194 Jour	10	4 SNUT																		
1195 Jour	11	5 SNUT																		
1196 Jour	11	6 SNUT																		
1197 Jour	12	6 SNUT																		
1198 Jour	9	4 SNUT																		
1199 Jour	11	5 SNUT																		
1200	11	4																		

Jour				SNUT																			
1201		10		4																			
Nuit				SNUT																			
1202		9		5																			
Nuit				SNUT																			
1203		9		4																			
Nuit				SNUT																			
1204		9		4																			
Nuit				SNUT																			
1205		9		2																			
Nuit				SNUT																			
1206		9		4																			
Nuit				SNUT																			