Urine Cation (nmol/day) Supplementary Table 4 Toyohara T. et al.

Compound	TG(+) 0W							TG(-) 0W							0W							TG(+) 2W							TG(-) 2W							2W							TG(+)				TG(-)			
	1	2	3	4	5	Average	STDEV	1	2	3	4	5	Average	STDEV	TTEST (TG(+)/TG(-))	1	2	3	4	5	Average	STDEV	1	2	3	4	5	Average	STDEV	1	2	3	4	5	Average	STDEV	TTEST (TG(+)/TG(-))	1	2	3	4	5	Average	STDEV	TTEST (TG(+)/TG(-))	1	2	3	4	5	Average	STDEV	TTEST (TG(+)/TG(-))
3-Aminopropionitrile	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Methylguanidine	N.D.	110	106	N.D.	82	62	55.6	21.5	101	N.D.	84	14	30.2	8.3	0.650	1.997	N.D.	N.D.	206	N.D.	58	146.2	62.7	178	147	147	75	137	144.2	18.9	0.248	3.986	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Isobutylamine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
1,3-Diaminopropane	24	18	20	22	19	20	2.3	24	19	19	21	21	20.4	1.0	0.198	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Gly	635	958	1023	2657	1283	1284.0	808.7	851	1181	1025	1072	1455	1116.3	229.7	0.088	0.150	5788	3865	5888	888	473	2837.0	1984.8	4331	3870	5848	3559	7885	5277.5	1685.1	0.018	1.962	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Acetoacetamide	42	29	31	24	34	32.0	6.4	34	27	18	18	16	22.7	8.2	0.314	0.775	23	23	N.D.	14	18	19.0	6.7	N.D.	N.D.	N.D.	N.D.	22	22	N.D.	N.D.	N.D.	N.D.	18	18.6	3.7	0.320	1.033	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Isopropanolamine	42	29	31	24	34	32.0	6.4	34	27	18	18	16	22.7	8.2	0.314	0.775	23	23	N.D.	14	18	19.0	6.7	N.D.	N.D.	N.D.	N.D.	22	22	N.D.	N.D.	N.D.	N.D.	18	18.6	3.7	0.320	1.033	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Trimethylamine N-oxide	5174	4472	4667	4182	3969	4555.6	453.0	3938	5899	5433	5350	4539	4908.0	662.8	0.500	1.079	10245	6101	6199	2296	2581	5484.4	2903.2	5353	5272	1178	5077	6303	4796.3	1839.4	1.000	0.863	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Hydroxyurea	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Trimethylsulfonium	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Cadaverine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Putrescine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Isoamylamine	11	5	N.D.	N.D.	17	11.0	5.2	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
1,4-Butanediamine	218	242	240	213	238	238.1	12.2	268	284	229	213	238	246.1	27.3	0.268	0.918	113	210	73	42	32	122.7	77.7	34	34	42	47	32	37.8	5.7	0.003	3.283	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
beta-Ala	291	249	239	249	212	248.1	25.6	170	240	190	179	201	195.9	24.2	0.099	0.789	108	161	156	86	160	134.3	31.3	110	30	49	116	60	77.1	33.8	0.177	0.574	0.007	0.541	0.004	0.384
Ala	453	413	466	764	515	514.0	122.2	377	607	369	524	464	448.2	93.8	0.311	1.147	2741	2412	1652	882	428	1658.3	934.6	2021	1073	3298	1315	4708	2483.4	1343.1	0.044	0.668	0.000	0.000	0.000	0.000
Sarcosine	435	408	599	113	95	334.5	197.5	464	92	165	75	108	181.1	133.8	0.332	0.555	588	759	622	66	49	436.8	351.5	312	105	395	285	525	244.2	214.1	0.303	2.794	0.000	0.000	0.000	0.000
3-Aminoisobutyric acid-2-dcl	24	18	20	22	19	20	2.3	24	19	19	21	21	20.4	1.0	0.198	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Aniline	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2-Hydroxypyridine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
4-Hydroxymethylimidazole	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
1-Methyl-D-pyroglutamic acid	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
1-Aminocyclopropanecarboxylate	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Acetoacetate-2-carboxylate	35	30	39	19	14	27.5	9.3	29	21	12	38	24	24.2	4.6	0.479	0.896	44	43	46	32	12	32.7	13.4	46	24	34	49	22	31.8	11.9	0.344	1.001	0.000	0.000	0.000	0.000
Acetoacetanilide	1168	1339	1211	1408	1106	1254.3	110.3	1244	1272	1061	1255	1022	1087.6	291.6	0.549	0.851	894	845	848	442	335	868.2	204.9	470	338	544	670	243	513.1	108.7	0.386	0.770	0.000	0.000	0.000	0.000
Betaine aldehyde	184	N.D.	87	N.D.	260	184.0	86.3	160	250	N.D.	N.D.	N.D.	215.0	35.3	0.724	1.164	N.D.	429	N.D.	N.D.	N.D.	429.5	0.5	N.D.	323	N.D.	N.D.	N.D.	323.0	11.1	0.000	0.545	0.000	0.000	0.000	0.000
Hexylamine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Cadaverine	24	18	20	22	19	20	2.3	24	19	19	21	21	20.4	1.0	0.198	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
GABA	104	102	97	122	111	111.1	7.4	105	116	98	93	98	102.0	8.5	0.368	0.918	43	79	43	43	32	52.7	17.7	34	34	42	47	32	37.8	5.7	0.003	3.283	0.000	0.000	0.000	0.000
N,N-Dimethylglycine	1698	1512	2052	878	658	1459.0	521.2	1566	373	985	393	1094	880.0	455.9	0.241	0.603	2023	2707	2033	727	438	1679.9	940.5	1505	891	1984	1892	1708	1559.0	368.8	0.436	0.928	0.127	1.151	0.730	1.771
2-Aminobutyric acid	20	22	23	34	20	24.0	5.5	27	20	19	21	21	21.6	3.2	0.268	0.000	48	31	49	35	47	42.0	7.7	33	19	100	N.D.	48	50.0	33.6	0.199	0.839	0.000	0.000	0.000	0.000
N-Methylalanine	22	17	23	18	16	19.6	2.6	19	15	N.D.	N.D.	N.D.	17.3	1.9	0.944	0.874	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2-Cyanoguanidine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
1,3-Diaminopropane	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2-Aminoethanol	151	240	309	150	303	230.0	69.8	202	169	154	214	117	170.5	35.9	0.002	0.740	169	200	193	42	23	127.4	74.1	33	65	122	281	117	127.4	81.4	0.329	1.033	0.014	0.533	0.070	0.747
Histamine	37	19	24	11	30	20.4	6.4	19	11	7	4	7	9.7	5.7	0.018	0.000	44	49	12	12	12	19.5	18.4	12	22	9.6	14	7	12.4	5.7	0.149	2.468	0.000	0.000	0.000	0.000
Uracil	427	473	479	739	480	519.6	111.4	450	445	356	622	612	496.9	102.7	0.414	0.956	N.D.	N.D.	N.D.	177	413	294.9	118.1	386	193	854	294	306	394.6	240.6	0.703	1.338	0.199	0.587	0.176	0.794
Cadaverine	24	18	20	22	19	20	2.3	24	19	19	21	21	20.4	1.0	0.198	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Methylsuccinic Dihydroxiacid	82787	35832	82758	1.0e+05	115748	95600.2	32456.1	1.0e+05	1.0e+05	1.0e+05	1.0e+05	1.0e+05	115786.8	27339.1	0.839	1.000	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Muscimol	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
beta-Cyanoalanine	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Pro	252	196	261	433	237	275.6	91.7	194	213	173	227	153	192.6	26.1	0.038	0.699	3980	2520	1938	276	33	1469.9	1114.3	993	599	1361	798	3163	1335.0	953.8	0.859	0.894	0.123	5.400	0.015	0.931
Guanidoacetate	568	1130	1327	1128	1412	1233.6	251.9	1364	1398	549	549	812	914.2	391.3	0.178	0.136	173	90	202	112	35	122.7	134.2	315	91	112	112	112	148.4	90.1	0.322	0.828	0.000	0.000	0.000	0.000
Betaine	6659	1905	4839	740	622	2553.2	2451.2	2447	521	879	438	527	981.0	744.8	0.189	0.331	15081	8544	8949	327	437	6868.4	5728.3	2144	1332	3398	2511	739	3955.8	2082.2	0.415	0.474	0.835	0.331	0.391	0.322
5-Aminovalerate	24	18	20	22	19	20	2.3	24	19	19	21	21	20.4	1.0	0.198	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Val	194	150	212	160	126	164.4	31.1	153	138	113	135	127	173.2	9.3	0.127	0.000	270	229	229	32	40	200.4	90.1	204	91	381	204	91	214.1	120.7	0.297	1.383	0.397	0.337	0.003	2.432
Benzimidazole	6	24	27	N.D.	5	15.3	10.3	15	6	N.D.	12	12	12.0	3.6	0.436	0.794	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2,4-Dimethylbutyrate	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
4-Aminobutyrate	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Isocitrate	3	1	N.D.	N.D.	N.D.	2.0	1.4	N.D.	N.D.	N.D.	N.D.	N.D.	5.7	0.0	0.000	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2-Ketoglutarate	1	1	N.D.	N.D.	N.D.	1.0	0.0	N.D.	N.D.	N.D.	N.D.	N.D.	0.0	0.0	#DIV/0!	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Pyroglutamate	1	1	N.D.	N.D.	N.D.	1.0	0.0	N.D.	N.D.	N.D.	N.D.	N.D.	0.0	0.0	#DIV/0!	0.000	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/0!	N.D.	N.D.	N.D.	N.D.	N.D.	#DIV/0!	#DIV/