

SD10-1 Composition analysis raw data summary

Batch	Type of sample	Sample genotype	Sample ID	Shipped to NMI	Date of analysis	Trace elements			Proximates					Vitamins		
						Magnesium (mg/kg)	Manganese (mg/kg)	Potassium (mg/kg)	Moisture (g/100g)	Fat (g/100g)	Protein (g/100g)	Ash (g/100g)	Carbohydrates (g/100g)	Energy (kJ/100g)	Ascorbic acid (mg/100g)	Vitamin B6 (mg/100g)
1	Ripe fruit	GN212-12	12016-G1	12/10/2021	22/10/2021	300	0.39	3830	75.5	0.20	1.10	0.90	22.0	400	1.40	0.20
1	Ripe fruit	GN212-12	12398-G1	12/10/2021	22/10/2021	290	0.41	3360	78.6	0.30	1.10	1.00	19.0	350	1.60	0.10
1	Ripe fruit	GN212-12	20062-G1	12/10/2021	22/10/2021	290	0.47	3580	76.0	0.30	1.00	0.90	22.0	400	1.30	0.10
1	Ripe fruit	GN212-12	20077-G1	12/10/2021	22/10/2021	270	0.77	3740	76.6	0.30	1.10	0.90	21.0	390	1.60	0.10
1	Ripe fruit	GN212-12	20090-G1	12/10/2021	22/10/2021	290	0.50	4030	76.7	0.19	1.10	0.90	21.0	370	1.70	0.10
1	Ripe fruit	GN212-12	20091-G1	12/10/2021	22/10/2021	280	0.98	3340	78.3	0.20	1.10	1.00	19.0	350	1.50	0.10
1	Ripe fruit	GN212-12	20553-G1	12/10/2021	22/10/2021	280	0.76	3360	75.8	0.19	1.10	1.00	22.0	390	2.00	0.20
1	Ripe fruit	GN212-12	20558-G1	12/10/2021	22/10/2021	290	0.48	3670	77.0	0.19	1.00	0.80	21.0	370	1.80	0.10
1	Ripe fruit	GN212-12	20564-G1	12/10/2021	22/10/2021	310	0.75	3620	76.5	0.19	1.00	0.80	22.0	390	2.30	0.10
1	Ripe fruit	GN212-12	20566-G1	12/10/2021	22/10/2021	340	0.97	3420	77.9	0.19	1.20	0.70	20.0	360	2.00	0.20
GN212-12 mean ± SD (n=10)						294 ± 20	0.65 ± 0.23	3652 ± 231	76.9 ± 1.1	0.23 ± 0.05	1.08 ± 0.06	0.89 ± 0.10	20.9 ± 1.2	377 ± 19	1.72 ± 0.31	0.13 ± 0.05
1	Ripe fruit	QCAV-4	20224-G1	12/10/2021	22/10/2021	270	0.45	3740	78.2	0.19	0.90	0.70	20.0	350	2.00	0.10
1	Ripe fruit	QCAV-4	20229-G1	12/10/2021	22/10/2021	260	0.47	3850	78.0	0.19	1.00	0.90	20.0	360	1.90	0.10
1	Ripe fruit	QCAV-4	20230-G1	12/10/2021	22/10/2021	230	0.45	3840	80.4	0.19	0.80	0.70	18.0	320	1.70	0.10
1	Ripe fruit	QCAV-4	20252-G1	12/10/2021	22/10/2021	260	0.39	3860	79.9	0.19	1.10	0.80	18.0	320	1.70	0.20
1	Ripe fruit	QCAV-4	20269-G1	12/10/2021	22/10/2021	280	0.58	3550	79.1	0.19	0.90	0.70	19.0	340	2.10	0.10
1	Ripe fruit	QCAV-4	20271-G1	12/10/2021	22/10/2021	260	0.52	4120	80.4	0.19	0.90	0.70	18.0	320	2.00	0.10
1	Ripe fruit	QCAV-4	20272-G1	12/10/2021	22/10/2021	250	0.58	3940	78.9	0.19	1.00	0.80	19.0	340	2.10	0.10
1	Ripe fruit	QCAV-4	20273-G1	12/10/2021	22/10/2021	270	0.54	4040	79.0	0.19	1.10	0.90	19.0	340	1.80	0.10
1	Ripe fruit	QCAV-4	20275-G1	12/10/2021	22/10/2021	270	0.64	3960	77.6	0.19	1.00	0.70	21.0	370	2.10	0.20
1	Ripe fruit	QCAV-4	20278-G1	12/10/2021	22/10/2021	260	0.58	3620	79.0	0.19	1.00	1.00	19.0	340	2.20	0.10
QCAV-4 mean ± SD (n=10)						261 ± 14***	0.52 ± 0.08	3852 ± 178*	79.1 ± 1.0***	0.19 ± 0.00	0.97 ± 0.09**	0.79 ± 0.11*	19.1 ± 1.0**	340 ± 17***	1.96 ± 0.18*	0.12 ± 0.04
2	Ripe fruit	GN212-12	20068-G1	21/06/2022	1/07/2022	270	0.70	3510	80.8	0.19	1.10	0.80	17.0	310	1.3	0.33
2	Ripe fruit	GN212-12	20077-G2	21/06/2022	1/07/2022	280	0.98	4060	79.0	0.19	1.10	0.90	19.0	340	1.70	0.30
2	Ripe fruit	GN212-12	20078-G1	21/06/2022	1/07/2022	320	0.81	4120	78.8	0.19	1.30	1.50	18.0	330	1.8	0.34
2	Ripe fruit	GN212-12	20082-G2	21/06/2022	1/07/2022	310	1.70	3950	76.4	0.19	1.10	1.80	21.0	370	2.6	0.33
2	Ripe fruit	GN212-12	20086-G1	21/06/2022	1/07/2022	330	0.66	3680	77.4	0.19	1.30	0.80	21.0	380	2.1	0.31
2	Ripe fruit	GN212-12	20087-G1	21/06/2022	1/07/2022	310	0.55	3660	78.5	0.19	1.30	1.80	18.0	330	1.9	0.34
2	Ripe fruit	GN212-12	20087-G2	21/06/2022	1/07/2022	300	1.00	3730	77.0	0.19	1.10	0.90	21.0	370	2.2	0.30
2	Ripe fruit	GN212-12	20090-G2	21/06/2022	1/07/2022	300	0.71	3760	80.4	0.19	1.30	1.00	17.0	310	1.7	0.34
2	Ripe fruit	GN212-12	20553-G2	21/06/2022	1/07/2022	370	1.10	3590	75.5	0.19	1.40	0.70	22.0	400	2.1	0.40
2	Ripe fruit	GN212-12	20567-G1	21/06/2022	1/07/2022	290	0.58	3540	76.7	0.19	1.40	0.80	21.0	380	2.3	0.36
GN212-12 mean ± SD (n=10)						308 ± 28	0.88 ± 0.34	3760 ± 214	78.1 ± 1.7	0.19 ± 0.00	1.24 ± 0.13	1.10 ± 0.43	19.5 ± 1.9	352 ± 32	1.97 ± 0.37	0.34 ± 0.03
2	Ripe fruit	QCAV-4	20244-G2	21/06/2022	1/07/2022	300	0.58	4030	78.6	0.19	1.10	1.00	19.0	340	2.50	0.27
2	Ripe fruit	QCAV-4	20229-G2	21/06/2022	1/07/2022	310	0.63	3870	78.1	0.19	1.20	0.80	20.0	360	2.3	0.36
2	Ripe fruit	QCAV-4	20230-G2	21/06/2022	1/07/2022	290	0.56	3770	78.9	0.19	1.10	0.90	19.0	340	2.5	0.35
2	Ripe fruit	QCAV-4	20252-G2	21/06/2022	1/07/2022	260	0.50	3500	78.1	0.19	0.30	0.90	21.0	360	2.6	0.33
2	Ripe fruit	QCAV-4	20269-G2	21/06/2022	1/07/2022	280	0.42	4110	81.3	0.19	1.40	0.90	16.0	290	1.4	0.39
2	Ripe fruit	QCAV-4	20271-G2	21/06/2022	1/07/2022	300	0.67	3740	79.5	0.19	1.10	1.90	18.0	320	1.9	0.34
2	Ripe fruit	QCAV-4	20272-G2	21/06/2022	1/07/2022	290	0.65	3450	78.5	0.19	1.10	0.60	20.0	360	2.3	0.30
2	Ripe fruit	QCAV-4	20273-G2	21/06/2022	1/07/2022	330	0.77	3860	80.4	0.19	1.30	1.70	17.0	310	2.2	0.34
2	Ripe fruit	QCAV-4	20275-G2	21/06/2022	1/07/2022	280	0.60	3750	80.6	0.19	1.00	0.90	18.0	320	2.1	0.33
2	Ripe fruit	QCAV-4	20278-G2	21/06/2022	1/07/2022	310	0.92	3800	78.3	0.19	1.10	0.90	20.0	360	3.0	0.33
QCAV-4 mean ± SD (n=10)						295 ± 20	0.63 ± 0.14*	3788 ± 204	79.2 ± 1.2	0.19 ± 0.00	1.07 ± 0.29	1.05 ± 0.41	18.8 ± 1.5	336 ± 25	2.28 ± 0.43	0.33 ± 0.03
2	Peel from ripe fruit	GN212-12	20077-G2	21/06/2022	1/07/2022	140	1.70	7340	91.5	0.40	0.50	3.80	4.0	90	0.9	0.09
2	Peel from ripe fruit	GN212-12	20082-G2	21/06/2022	1/07/2022	150	2.50	7950	89.0	0.50	0.40	1.70	8.0	160	0.90	0.06
GN212-12 mean ± SD (n=2)						145 ± 7	2.10 ± 0.57	7645 ± 431	90.3 ± 1.8	0.45 ± 0.07	0.45 ± 0.07	2.75 ± 1.48	6.0 ± 2.8	125 ± 49	0.90 ± 0.00	0.08 ± 0.02
2	Peel from ripe fruit	QCAV-4	20234-G1	21/06/2022	1/07/2022	110	3.80	7840	91.4	0.30	0.70	2.20	5.0	110	0.90	0.09
2	Peel from ripe fruit	QCAV-4	20236-G1	21/06/2022	1/07/2022	120	3.00	8520	89.5	0.60	0.70	2.00	7.0	150	0.90	0.08
2	Peel from ripe fruit	QCAV-4	20243-G2	21/06/2022	1/07/2022	140	4.00	8180	90.5	0.60	0.80	1.70	6.0	140	0.90	0.12
2	Peel from ripe fruit	QCAV-4	20224-G2	21/06/2022	1/07/2022	140	1.10	7970	89.6	0.4	0.70	1.70	8.0	160	0.9	0.11
2	Peel from ripe fruit	QCAV-4	20246-G1	21/06/2022	1/07/2022	120	1.70	8080	89.8	0.50	0.90	3.80	5.0	120	0.90	0.09
2	Peel from ripe fruit	QCAV-4	20267-G2	21/06/2022	1/07/2022	120	1.70	8290	92.8	0.40	0.60	2.10	4.0	90	0.90	0.11
QCAV-4 mean ± SD (n=6)						125 ± 12	2.55 ± 1.22	8147 ± 241	90.6 ± 1.3	0.47 ± 0.12	0.73 ± 0.10*	2.25 ± 0.79	5.8 ± 1.5	128 ± 26	0.90 ± 0.00	0.10 ± 0.02

SD = standard deviation.