

WALLACE LABS
365 Coral Circle
El Segundo, CA 90245
(310) 615-0116

TISSUE REPORT

Location
 Requester

Torrey Pine
 Dale Williams

May. 17, 2018

	18-137T-05 Del Mar	average values pines	17-292T-01 Oct. 20, 2017 data
<u>elements</u>			
phosphorus	717.47	1,000 - 2,000	553.52
potassium	7,124.12	3,000 - 10,000	4,981.55
iron	101.25	100 - 200	88.93
manganese	307.70	50 - 200	116.50
zinc	36.41	20 - 100	20.21
copper	3.98	5 - 30	5.66
boron	65.30	20 - 50	18.25
calcium	2,381.28	2,000 - 10,000	1,156.94
magnesium	1,766.23	1,000 - 5,000	1,336.77
sodium	2,502.42		4,139.69
sulfur	1,207.00	1,000 - 2,000	692.61
molybdenum	1.87	0.1 - 1	4.58
aluminum	141.30		49.51
arsenic	1.97	< 20	1.60
barium	2.21	< 500	1.21
cadmium	< 0.08	< 35	< 0.08
chromium	0.14	< 10	0.17
cobalt	< 0.13	< 6	0.15
lead	< 0.78	< 35	< 0.78
lithium	0.30	< 50	0.67
mercury	< 0.08		< 0.08
nickel	< 0.16	< 100	0.20
selenium	< 1.23	< 30	1.67
silicon	905.71		284.12
silver	< 0.04	< 1	< 0.04
strontium	8.77	< 1,000	3.32
tin	2.10	< 63	< 0.70
titanium	4.99	< 50	5.09
vanadium	< 0.06	< 2	< 0.06
nitrogen	1.55%	0.8 - 2%	2.19%
chloride	8,767		15,177

Units are mg/kg (parts per million) on a dry weight basis except as noted.