

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Chemicals found in *Castanea mollisima***

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ALANINE	Seed	2012.0	3581.0	-1.3977609504650124	--
14	ARGININE	Seed	4411.0	7852.0	-0.7108822291683241	--
3	ASPARTIC-ACID	Seed	8522.0	15169.0	-0.6587121184740685	--
28	CALCIUM	Seed	160.0	356.0	-0.6961405028855987	--
12	COPPER	Seed	4.0	6.0	-0.7995157719201157	--
2	CYSTINE	Seed	1101.0	1960.0	-0.8278346773932702	--
15	FIBER	Seed	16000.0	29904.0	-0.8281095117581565	--
8	GLUTAMIC-ACID	Seed	5393.0	9600.0	-1.354884887421073	--
12	GLYCINE	Seed	1837.0	3271.0	-1.1105660366132708	--
7	HISTIDINE	Seed	1267.0	2256.0	-1.0283210306605572	--
6	IRON	Seed	14.0	25.0	-0.5844732973727707	--
3	ISOLEUCINE	Seed	1624.0	2890.0	-0.9699699965829609	--
2	LEUCINE	Seed	2701.0	4807.0	-1.1748958760871548	--
4	LYSINE	Seed	2313.0	4116.0	-1.0812872422572914	--
65	MAGNESIUM	Seed	820.0	1531.0	-0.5590982709362456	--
14	MANGANESE	Seed	12.0	36.0	-0.21825889453881178	--
15	METHIONINE	Seed	1014.0	1804.0	-0.6483359273053518	--
7	PHENYLALANINE	Seed	2178.0	3879.0	-0.9149107943548691	--
4	PHOSPHORUS	Seed	940.0	1774.0	-0.9458764249343258	--
14	POTASSIUM	Seed	4320.0	8224.0	-0.38220729183775864	--
1	SERINE	Seed	1820.0	3255.0	-1.4027490378531695	--
1	SODIUM	Seed	30.0	53.0	-0.6315832480483937	--
4	THREONINE	Seed	1806.0	3214.0	-1.1013490917681512	--
29	TRYPTOPHAN	Seed	491.0	874.0	-0.8359052072916144	--
8	TYROSINE	Seed	1536.0	2735.0	-1.1596952571003898	--
3	VALINE	Seed	2233.0	3976.0	-0.9896551614259114	--
77	ZINC	Seed	8.0	17.0	-0.798674515765676	--