

P Rubia cordifolia

Common Name(s)

Madder

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	1,3-DIMETHOXY-2-CARBOXYANTHRAQUINONE	Root	--	--		
0	1,4-DIHYDROXY-2-CARBOETHOXYANTHRAQUINONE	Plant	--	--		
0	1,4-DIHYDROXY-2-METHYL-5-METHOXYANTHRAQUINONE	Root	--	--		
2	1,4-DIHYDROXY-2-METHYLANTHRAQUINONE	Root	--	--		
0	1,5-DIHYDROXY-2-METHYLANTHRAQUINONE	Root	--	--		
0	1-ACETOXY-6-HYDROXY-2-METHYLANTHRAQUINONE-3-O-ALPHA-RHAMNOSYL...	Plant	--	--		
0	1-HYDROXY-2-CARBOXY-3-METHOXYANTHRAQUINONE	Plant	--	--		
0	1-HYDROXY-2-METHOXYANTHRAQUINONE	Root	--	--		
0	1-HYDROXY-2-METHYL-6-METHOXYANTHRAQUINONE	Plant	--	--		
0	1-HYDROXY-2-METHYL-7-METHOXYANTHRAQUINONE	Plant	--	--		
0	1-HYDROXY-2-METHYL-ANTHRAQUINONE	Plant	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	5,8-DIHYDROXY-2-METHYLANTHRAQUINONE	Root	--	--	
11	ALIZARIN	Root	--	--	
6	ANTHRAQUINONES	Root	--	--	
2	ARSENIC	Root	1.1	1.1	-0.16089461164548705
47	BETA-SITOSTEROL	Plant	--	--	
28	CALCIUM	Root	37800	37800	3.3290414124697065
12	COPPER	Root	15	15	0.36307419050615025
0	HEXAPEPTIDES	Plant	--	--	
6	IRON	Root	720	720	0.6043559454703297
65	MAGNESIUM	Root	1870	1870	-0.36797479725347537
14	MANGANESE	Root	94	94	0.5765741303401087
0	MUNJISTINE	Root	--	--	
1	NOR-DAMNACANTHAL	Plant	--	--	
0	OLEANOLIC-ACID-ACETATE	Plant	--	--	
5	PHYSCION	Plant	--	--	
14	POTASSIUM	Root	12600	12600	-0.23276140649713947
0	PSEUDOPURPURIN	Root	--	--	
2	PURPURIN	Root	--	--	
0	PURPUROXANTHINS	Plant	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
1	RUBIADIN	Root	--	--	
0	RUBICOUMARIC-ACID	Plant	--	--	
0	RUBIFOLIC-ACID	Plant	--	--	
2	SCOPOLETOL	Plant	--	--	
1	SODIUM	Root	195	195	-0.4219775619619555
0	XANTHOPURPURIN	Root	--	--	
77	ZINC	Root	39	39	0.6491639685186761