

P **Datura innoxia**

Common Name(s)

Thorn Apple

How Used

M

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(-)-3ALPHA,6BETA-DITIGLOYLOXYTROPANE	Plant	--	--	
0	3ALPHA,6BETA-DITIGLOYLOXYTROPANE	Plant	--	--	
0	7-HYDROXY-3,6-DITIGLOYLOXYTROPANE	Plant	--	--	
0	ALKALOIDS	Leaf	2500	5500	-0.2400729604691801
0	ALKALOIDS	Root	3900	3900	-0.7308663556020021
0	ALKALOIDS	Seed	2300	4400	-0.5881491537121726
0	ALKALOIDS	Flower	5170	5170	0.014409551002979656
0	ALKALOIDS	Shoot	6010	6010	0.05666781419110804
0	ALKALOIDS	Fruit	1200	7700	0.40070804004796146
0	ALKALOIDS	Stem	3000	3000	-0.32067405254691705
2	APOATROPINE	Plant	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
51	ATROPINE	Plant	--	--	
22	BETULINIC-ACID	Tissue Culture	--	--	Jim Duke's personal files.
0	CUSCOHYGRINE	Root	195	1170	
0	DATURADIOL	Plant	--	--	
0	DATURANOLONE	Plant	--	--	
0	DITIGLOYLTELOIDINE	Leaf	75	1650	
0	DITIGLOYLTELOIDINE	Stem	60	600	
0	DITIGLOYLTELOIDINE	Root	80	1015	
0	FAT	Seed	120000	220000	-0.23907267817038622
27	HYOSCYAMINE	Seed	480	925	1
27	HYOSCYAMINE	Shoot	1840	1840	
27	HYOSCYAMINE	Flower	1880	1880	
27	HYOSCYAMINE	Leaf	1410	3100	0.9999999999999999
27	HYOSCYAMINE	Root	860	1870	-0.5896304390388216
0	METELOIDINE	Root	40	390	
0	METELOIDINE	Leaf	690	1515	
0	NORHYOSCYAMINE	Plant	--	--	
0	PROTEIN	Seed	200000	200000	-0.30063352286822675
0	PSEUDOTROPINE	Plant	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
41	SCOPOLAMINE	Leaf	675	3850	1.5584824440731044
41	SCOPOLAMINE	Root	935	2340	1.76150963564944
41	SCOPOLAMINE	Seed	200	205	-0.9686723910413058
41	SCOPOLAMINE	Shoot	1660	1660	
41	SCOPOLAMINE	Flower	670	670	
44	SCOPOLETIN	Plant	--	--	
7	TIGLOIDINE	Plant	--	--	
1	TROPINE	Plant	--	--	