

Amounts are in grams and have been scaled for 750 ml of wine		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	count	average	stdv	
italian name	English																				
Assenzio malliore	Wormwood (Artemisia absinthium)	1.5	0.45	3.95		2.5	1.5	1.88	3.75	1.05	1.5	0.9	0.83	2.37	0.79	1.18	0.79	15	1.66	1.06	
coriandoli	Coriander seeds	3	1.5	1.97	0.75		1.5	2.5	1.88	0.9	3.75	0.45	0.83	2.37	1.58	0.32	0.39	15	1.58	1.02	
scorze arance	Orange peel	3	1.5	0.79	0.825	0.67	0.75	1.88	0.75	2.25	2.25			0.99	1.58	0.16	0.2	14	1.26	0.84	
canella cina	Chinese cinnamon	1.2	0.75	0.39		0.17	0.15	1.25	0.38	0.3	0.38	0.23	0.25	0.32	0.39			0.16	14	0.45	0.36
garofani	Cloves	0.15	0.38	0.47		0.08	0.15	0.63	0.38	0.3	0.19		0.21	0.16	0.32			0.16	13	0.28	0.16
genziana	Genzian root	0.3				0.5	0.9		0.38	0.6	1.13	0.38	0.83	0.99	0.79	0.08		0.16	12	0.59	0.34
Cinchona root	Cinchona root		0.75	1.97		2.08	1.13	1.88	1.88				0.3	0.83	0.79	1.58		0.32	11	1.23	0.67
angelica rad	Angelica root	0.38	0.45	1.18	1.125				0.75				0.23	0.17	0.2	0.2		0.16	10	0.48	0.40
calamo aroma	Calamus root		0.75	0.79		0.17	0.75		0.38	0.3	2.25	0.23	0.42					0.32	10	0.64	0.61
ireos rad	Orris root	0.3	1.8		1.125			0.38		1.5		0.45	1.67	0.2	0.39			0.16	10	0.80	0.65
centaurea	Centaur (Centaurium erythraea)		0.9	1.18	0.375	0.5	0.6				0.56		0.17		1.58	0.16		9	0.67	0.47	
galanga	Galanga root	0.3	0.38				0.75	0.31		0.15	0.19			0.2	0.2			0.16	9	0.29	0.19
cardo santo	Blessed thistle		0.9		0.75	1			0.15	0.9		0.19			1.58	0.16		8	0.70	0.51	
santoreggia	Savory	0.3		0.39		0.5		0.31	0.19		0.38		0.25			0.16		8	0.31	0.11	
Assencio minore	Roman wormwood or small absinthe	1.5		0.79	0.375		0.38			0.3			0.42		0.47			7	0.61	0.43	
camedrio	Wall germander		0.9	0.24	1.5			0.31				0.26		0.39	0.32			7	0.56	0.47	
quassio	Quassia bark			0.79	0.75	0.33		0.16	0.38		0.45				0.24			7	0.44	0.24	
dittamo	Dittany of Crete		0.75	0.79	0.375		0.75		0.75					0.16		0.24		7	0.55	0.28	
noci mosca	Nutmeg	0.45	0.38	0.47			0.15		0.38						0.16		0.2	7	0.31	0.14	
achilea (iva)	yarrow	3		1.18	0.375			0.63				0.38		0.79		0.39		7	0.96	0.94	
issopo	Hyssop		0.15		0.375			0.31	0.15				0.21					0.16	6	0.23	0.10
genepi apli	Alpine wormwood Artemisia genipi			1.18	0.15			0.31					0.25					0.2	5	0.42	0.43
agarico	White agaric (agarikon) Laricifomes officinalis	0.15				0.33		0.16			0.19							0.08	5	0.18	0.09
luppolo	Hops	0.9			0.375					0.15				0.16		0.2		5	0.36	0.32	
fave tonka	Tonka beans		0.38	1.18			3.75					0.08				0.16		5	1.11	1.54	
macis	Mace			0.63		0.17						0.08			0.24	0.2		5	0.26	0.21	
rose	Rose		0.75			0.08				0.45			0.21				0.08	5	0.31	0.29	
salvia	Sage	1.5		0.79			0.38		2.25	0.75								5	1.13	0.74	
enula campana	Elecampane root	0.38	0.45		1.125		1.13											4	0.77	0.41	
sambuco fiori	Elderflower		1.5		1.5			1.88					1.33					4	1.55	0.23	
cardamono	Cardamom			0.47				0.06							0.16		0.2	4	0.22	0.18	
angelica semi	Angelica seeds					0.08					0.38			0.16				3	0.21	0.16	
maggiorama	Marjoram			0.79					1.5						0.24			3	0.84	0.63	
camomilla	Chamomile		0.08					0.06					0.08					3	0.07	0.01	
lavanda fiori	Lavander									0.45			0.17			0.08		3	0.23	0.19	
ginepro bac	juniper berries	0.45																1	0.45 #DIV/0!		
pepe garofanato	Allspice										0.23							1	0.23 #DIV/0!		
rabarbaro	Rhubarb (root?)					0.5												1	0.50 #DIV/0!		
anice	Anise seeds																0.08	1	0.08 #DIV/0!		
timo	Thyme	0.75																1	0.75 #DIV/0!		
aqua	water	0.53																1	0.53 #DIV/0!		
alcohol di 80 liter	80 % alcohol (in liters)	0.23		0	0.009	0.08	0.04	0.03	0.02	0.02	0.02	0.03	0.08	0.04	0.04	0.04	0.04		0.05	0.05	
vino bianco	white wine (in liters)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75		0.75	0.00	
total herbs in grams	total herbs in grams	19.5	15.83	22.42	11.85	9.67	15.08	14.5	16.24	10.35	13.8	4.13	9.04	9.91	12.87	3.79	3.95		12.06	5.37	
calc % alcohol (wine =12 %)		18	12	12.36	12.81	18.8	15.24	14.72	13.33	13.33	13.66	14.62	18.8	15.4	15.4	15.4	15.4		14.95	2.11	
	N of ingredients	18	21	22	16	16	17	17	17	15	14	13	17	15	19	14	18		16.81	2.46	
	total bittering agents	6	6	8	8	8	5	6	6	5	5	6	7	5	9	6	6				

Amounts are in grams and are for 750 ml of wine, no procedure mentioned	italian name	Sweet (Italian) Vermouth										y french vermouth								count	
		English	No 1	No 2	No 3	No 4	No 5	No 6	No 7	No 8	No 9	No 10	No 11	No 12	No 13	No 14	No 15	No 16	No 17		No 18
	Bitter orange peel			1.88		0.75	0.38	0.38	1.88	0.26		0.65	0.44	0.38	0.38	0.45	7.50	2.63	1.50	0.56	15
coriandoli	coriander seeds	0.84	1.69	3.75	0.38	3.00	0.75		3.75	0.38	0.57	0.62	0.63	0.68	0.75	0.19					14
calamo aroma	calamus root	0.17	0.64	1.13	0.24		0.30			0.38	0.65	0.63		0.60	0.30	0.45		1.13		1.13	13
canella china	Chinese cinnamon	0.17	0.30	0.75	0.90	0.38	0.11		0.75	0.26		0.60	0.54	0.30	0.09		0.08				13
enula campana	Elecampane (root?)		0.86	0.94	0.24		0.38		0.94	0.26	0.60	0.50	0.53	0.38	0.38	3.75				1.13	13
angelica rad	angelica root		0.04	0.45	0.09		0.05	0.98	0.45	0.11	0.33		0.23		0.05			0.45		0.56	12
centaurea	Centaurium (Centaurium erythraea)		0.23	1.01			0.09		0.94	0.30				0.30	0.09	0.45	6.00	1.13	0.38	1.13	12
garofani	cloves	0.17	0.04	0.38		0.15	0.02		0.38	0.11	0.27	0.32	0.18	0.15	0.02						12
Cinchona root	Chinchona root			1.13	0.30	3.00	0.23	0.75	1.13					0.60	0.23	3.75				1.50	10
Assenzio minore	Roman wormwood or small absinth	0.38						0.45	0.94	1.28	1.50	1.50	1.80	1.35		0.45				1.50	10
cardo santo	blessed thistle			1.01				0.45	0.94			0.60			0.45	2.25	0.94	1.50	1.13		9
sambuco fiori	elderflower			1.50					1.50	0.26	0.68	0.75	0.68		0.75			0.38	1.50		9
noci mosca	nutmeg	0.13		0.38	0.06				0.38	0.26			0.60		0.19	0.08			0.56		9
genziana	genzian root		0.86		0.24	0.15	0.38							0.30	0.38	0.75				0.56	8
ireos rad	Orris root			1.88	0.48				1.88	0.08	0.45	0.27				0.75		1.20			8
cameidrio	germander			0.94					0.94	0.08				0.60		0.75		0.38	0.38	1.13	8
cardamono	cardamom		0.23				0.09	0.45	0.94	0.26					0.09	0.75					7
quassio	Quassia bark			0.23				0.09	0.23	0.23				0.38	0.09				0.11		7
Assenzio maggiore	wormwood	0.42		0.94	0.90												7.50	0.26	1.50	1.13	7
macis	Mace		0.11			0.15	0.05					0.38	0.42		0.05						6
maggiorama	oregano		1.25							0.26	0.53	0.53	0.53						0.75		6
	clary sage		0.25								0.45	0.45	0.23		0.75						5
galanga	Galanga root			0.38					0.38			0.45	0.30	0.75							5
	saffron									0.01	0.08	0.02	0.08	0.02							5
pepe garofanato	Allspice		0.11				0.05								0.05						3
	lungwort (Pulmonaria officinalis)							0.45	0.19										1.50		3
	speedwell (veronica officinalis)							0.45										0.94	1.50		3
	vanilla extract							1.88	0.08								0.19				3
angostura	angostura		0.38												0.19						2
camomilla	roman camomille											0.09				1.88					2
rabarbaro	rhubarb (root?)																	0.19	0.18		2
rosemary	rosemary							0.45										0.38			2
santoreggia	Savory		0.50							0.26											2
timo	thyme		0.42									0.75									2
	masterwort (Peucedanum ostruthium)										0.45	0.48									2
	Zedoary (Curcuma zedoaria)										0.57		0.45								2
	star anise									0.12				0.12							2
	benzoine											0.15	0.23								2
anice	Anise seeds										0.12										1
luppolo	hops												0.60								1
issopo	Hyssop													0.57							1
scorze arance	orange peel		0.86																		1
agarico bianco	white agaric (agarikon) Laricifomes officinalis													0.30							1
	wild pomegranate								0.15												1
	cascarilla bark										0.24										1
	fennel seeds										0.08										1
	coca leaves										0.30										1
	lemon balm											0.38									1
	marjoram											0.45									1
	yarrow															0.19					1
	Aloe (Aloe perryi)																	0.04			1
	raspberry infusion (ml)																	0.30			1
genepi apli	Alpine wormwood Artemisia genipi																				0
angelica semi	angelica seeds																				0
dittamo	Dittany of Crete																				0
ginepro bac	juniper berries																				0
rose	rose																				0
salvia	sage																				0
fave tonka	tonka beans																				0
lavanda fiori	lavender																				0
	peach pits																			1.50	1
	nbwr of ingredients	13.00	11.00	16.00	10.00	6.00	12.00	10.00	18.00	21.00	17.00	15.00	15.00	19.00	13.00	15.00	10.00	11.00	12.00	11.00	
	total amount herbs	5.92	5.10	18.64	3.83	7.58	2.84	6.77	18.53	5.84	8.18	8.69	8.25	8.21	2.91	14.25	27.11	8.70	13.76	12.00	
	bittering agents	2.00	3.00	8.00	4.00	3.00	5.00	6.00	8.00	6.00	2.00	3.00	4.00	8.00	6.00	7.00	5.00	8.00	8.00	7.00	

		1	2	3	4	5	6	7	8	9	10		
graines de coriandre	coriander seeds	0.675	0.75	0.029605	0.75	0.57	0.63	0.615	0.195	3.75		9	0.88
racine de roseau aromatique	calamus root	0.6	0.3	0.071053	0.75	0.645		0.63	0.72	1.125		8	0.61
clous de girofle	cloves	0.15	0.015		0.225	0.27	0.18	0.315	0.15	0.375		8	0.21
racine d'ernule champêtre	Elecampane (root?)	0.375	0.375	0.592105	0.525	0.6	0.525	0.495		0.9375		8	0.55
fleurs sèches de sureau	elderflower				0.525	0.675	0.675	0.75	0.495	1.5	1.875	7	0.93
	woormwood			0.071053		1.5	1.8	1.5	1.35	0.9	1.5	7	1.23
racine d'angélique	angelica root		0.045		0.225	0.33	0.225		0.27	0.45		6	0.26
petite centaurée	Centauray (Centaurium erythraea)	0.3	0.09	0.071053	0.6					0.9375	0.45	6	0.41
safran	saffron	0.015			0.015	0.075	0.075	0.015	0.015			6	0.04
écor- ces d'oranges amères	Bitter orange peel	0.375	0.045				0.435			1.875	0.45	5	0.64
extrémités de germandrée	germander	0.6	0.118421						0.525	0.9375	0.45	5	0.53
chardon sacré	blesseed thistle			0.071053				0.6		0.9375	1.875	4	0.87
calisaya jaune de Chine	Chinchona root	0.375	0.225	0.118421					0.6			4	0.33
cannelle de Ceylan	Ceylan cinnamon	0.3			0.525		0.54	0.525				4	0.47
racine de galanga de Malaba	Galanga root	0.3		0.118421				0.45		0.375		4	0.31
racine de gentiane	genzian root	0.3	0.225	0.118421	0.15							4	0.20
noix de muscade	nutmeg			0.029605			0.6		0.525	0.375		4	0.38
	orange peel			0.071053	0.525			0.645			1.875	4	0.78
	Orris root					0.45		0.27		1.875	1.5	4	1.02
feuilles de dictame de Crète	Dittany of Crete				0.525	0.525		0.525				3	0.53
sommités de marjolaine	marjoram					0.45	0.42				1.5	3	0.79
fleurs et feuilles sèche de sa	sage	0.225				0.45	0.45					3	0.38
	Anise seeds					0.12			0.15			2	0.14
	cardamom		0.09		0.525							2	0.31
quinquina rouge	Cinchona pubescens (red chincona)									1.125	1.875	2	1.50
extrémités d'hysope	Hyssop	0.57							0.75			2	0.66
	lungwort (Pulmonaria officinalis)				0.375						1.875	2	1.13
macis	Mace	0.045						0.375				2	0.21
	masterwort (Peucedanum ostruthium)					0.57	0.48					2	0.53
	oregano						0.525		0.63			2	0.58
bois de quassier	Quassia bark	0.375	0.09									2	0.23
Extrémités desséchées d'absint	Roman wormwood or small absinthe				2.55						1.5	2	2.03
zedoaire	Zedoary (Curcuma zedoaria)	0.45				0.375						2	0.41
	Allspice		0.045									1	0.05
Extrémités desséchées d'abs	Alpine wormwood Artemisia genipi	1.35										1	1.35
benjoin	benzoine	0.6										1	0.60
graines de carvi	caraway								0.45			1	0.45
écorce sèche de cascarille	cascarilla bark				0.48							1	0.48
	cassiss									0.225		1	0.23
	Chinese cinnamon									0.75		1	0.75
cannelle royale	Vietnamese cinnamon		0.113									1	0.11
Sauge ovale	clary sage			0.118421								1	0.12
	coca leaves				0.675							1	0.68
graines de fenouil	fennel seeds				0.15							1	0.15
	hops						0.6					1	0.60
	lemon balm					0.375						1	0.38
	peach pits										1.5	1	1.50
	rhubarb (root?)									0.002		1	0.00
	roman camomille						0.09					1	0.09
extrémités de sarriette	Savory				0.525							1	0.53
	speedwell (veronica officinalis)										1.875	1	1.88
graines d'anis étoilé	star anise	0.12										1	0.12
	thyme							0.75				1	0.75
lève tonka	tonka beans			0.029605								1	0.03
agaric blanc	white agaric (agarikon) Lariciformes	0.075										1	0.08
écorce de racines de grenadier	wild pomegranate				0.3							1	0.30
achillée noble	yarrow			0.029605								1	0.03
	Aloe (Aloe perryi)											0	#DIV/0!
	angelica seeds											0	#DIV/0!
	angostura											0	#DIV/0!
	juniper berries											0	#DIV/0!
	lavander											0	#DIV/0!
	raspberry infucion (ml)											0	#DIV/0!
	rose											0	#DIV/0!
	rosemary											0	#DIV/0!
	vanilla extract											0	#DIV/0!