

Memorandum of Understanding - Excel support to calculate the energy from sugar and

Dosage, input data		Result
TAV	(% vol.)	40.0
Inverted sugar	(g/L)	10.0

Constants

Volumetric mass of ethanol	(g/cm ³)	0.789	
		kJ	kcal
Energy contribution (Alcohol)	/g	29	7
Energy contribution (CarboH)	/g	17	4

Calculated energy content	10 ml	93	22
	15 ml	140	34
	20 ml	186	45
	25 ml	233	56
	30 ml	280	67
	35 ml	326	79
	40 ml	373	90
	45 ml	420	101
	50 ml	466	112
	55 ml	513	124
	60 ml	559	135
	65 ml	606	146
	70 ml	653	157
	75 ml	699	169
	80 ml	746	180
	85 ml	792	191
	90 ml	839	202
	95 ml	886	214
	100 ml	932	225

Disclaimer: spiritsEUROPE takes no legal responsibility for energy calculation made with the help of this tool and highlights that spirits drinks can contain other sources of energy than those considered in this tool. Spirit drinks may contain other sweeteners than inverted sugar and not all sweeteners have the same energy profile.