

## Uniform Standards of Jojoba Oil Quality

The parameters in the following table are adopted by the International Jojoba Export Council in an effort to establish consistency of testing and reporting. The methods determined to be most universally accepted are listed. Where the designated method is not specific enough to address all variables, a supplementary method is provided. The supplementary method provides more explicit instructions not given in the primary method.

PARAMETER, UNITS	SPECIFICATION RANGE		TEST METHOD	SUPPLEMENTARY METHOD
	Lite	Golden		
Specific Gravity @ 25°C	0.86-0.87	0.86-0.87	AOCS Cc 10a-25	
Refractive Index, $n_D@ 40^\circ\text{C}$	1.45-1.46	1.45-1.46	AOCS Cc 7-25	
Iodine Value, g/100g	80-85	80-85	AOCS Cd 1-25	
Saponification Value, mg KOH/g	88-96	88-96	AOCS Cd 3-25	
Peroxide Value, meq/kg	2 max.	2 max.	AOCS Cd 8-53	
Triglyceride Content, %	< 1%	< 1%	AOCS Ci 2-91	JEC01
Acid Value, mg KOH/g	1.0 max.	1.0 max.	AOCS Ci 4-91	
Color, Gardner units	1+ max.	9 max.	AOCS Td 1a-64	
Color, Lovibond units	1 Red, 3 Yellow max.	5 Red, 75 Yellow max.	AOCS Cc 13e-92	
Microbial Contamination, CFU/g	20 max.	20 max.	CTFA M-1	JEC03
Gram Negative Bacteria, CFU/g	zero allowed	zero allowed	CTFA M-2	
Ester Composition, Area % C36 C38 C40 C42 C44 C46	0-2 5-8 26-34 44-56 8-12 0-3	0-2 5-8 26-34 44-56 8-12 0-3	Gas Chromatography (optional - typical property only)	JEC02