



318 Half Day Rd, PMB 348, Buffalo Grove, IL 60089

Specification Sheet

Product : Fractionated Coconut Oil (MCT Oil)

Characteristic	Unit	Specification	
		MIN	MAX
Color APHA	APHA		50
Appearance at 30°C		Clear liquid, free from foreign matter	
Identification A	-	Meet test requirements	
Identification B	-	Meet test requirements	
Acid Value (mg KOH/g)	mg/g		0.1
Saponification Value (mg KOH/g)	mg/g	325	345
Iodine Value (g12/100g)			1.0
Peroxide Value (meq/kg)			1
Moisture%	%		0.15
Refractive Index N20/D		1.440	1.452
Relative Density 20/20~C		0.93	0.96
Hydroxyl Value (mgKOH/g)	mg/g		10
Alkaline Impurities (0.01M HCl)*	ml		0.15
Dynamic Viscosity 20°C	mPas.s	25	33
Total Ash*	%		0.1
Unsaponifiables	%		0.5
Heavy Metal	ppm		10
Chromium (Cr)	ppm		0.05
Copper (Cu)	ppm		0.1
Lead (Pb)	ppm		0.1
Nickel (Ni)	ppm		0.2
Tin (Sn)	ppm		0.1
Arsenic (As)	ppm		0.5
C6:0	%		2
C8:0	%	55	65
C10:0	%	35	45
C12:0	%		3

C14:0	%		1
US Pharmacopoeia Monograph		Meet test requirement	

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