

## Sample Information

**Sample Name:** Coconut CO2 Select Roasted

**Sample Type:** EO - Other

**Botanical Name:** Cocos nucifera

**Country of Origin:** India

**Lot Number:** IDP02-PK

**Production Method:** Solvent extraction

## GC/MS

**Inst. ID:** Shimadzu GCMS-QP2010Ultra

**Column Type:** ZB-5

**Injection Type:** Split

**Injection Volume:** 0.1 µL

**Split Ratio:** 24.4

**Temperature Program:** 2C/min

## Physical Data

ANALYSIS	METHOD	RESULTS
Optical Rotation @20°C	USP[781]	+0.04
Refractive Index @20°C	USP[831]	1.45447
Specific Gravity @20°C	USP[841]	0.92750

Ret. Time	Component	Ret. Idx.	Conc. %
3.500	CO2	712	0%
37.782	delta-Octalactone	1310	0%
51.285	delta-Decalactone	1522	0.01%
63.572	delta-Dodecalactone	1738	0%
74.620	delta-Tetradecalactone	1953	0%
121.557	MCT	3126	0.02%
121.812	MCT	3133	0.12%
123.997	MCT	3192	8.11%
124.898	MCT	3216	19.22%
125.567	MCT	3235	2.29%
127.525	MCT	3288	1.79%
127.668	MCT	3292	1.57%
134.922	MCT	3488	4.71%
135.313	MCT	3499	4.49%
145.752	MCT	3782	28.26%
146.180	MCT	3794	7.95%
146.630	MCT	3806	12.27%
147.856	MCT	3839	9.17%

Total Identified Compounds **99.98 %**

# GC/MS Report: Chromatogram

