

**The Soap Kitchen (2011) Ltd**

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CERTIFICATE OF ANALYSIS

Product Name: KEMOL FA 16
Batch Number: 200885
Manufacturing Date: 17.07.2020
Recertification Date: 16.07.2023

Characteristic / Method	Unit	Analysis / Result	Standard
Appearance at 25°C		Conforms	White to light yellowish pastilles or flakes
Acid value	mg KOH/gm	0.018	0.10 max
Saponification value	mg KOH/gm	0.19	0.50 max
Iodine value	Gm/ 100gm	0.18	0.50 max
Hydroxyl value	mg KOH/gm	229.50	225.00 – 235.00
Moisture	%	0.065	0.20 max
Solidification/Melting point	°C	48.50	47.00 – 51.00
C-Chain Distribution			
C14	%	0.07	3.00 max
C16	%	99.24	95.00 min
C18	%	0.39	2.00 max