



Escentials of Australia

CERTIFICATE OF ANALYSIS

Emulsifying Wax C20 Origin Malaysia

Cas No: 67762-27-0 (C16-C18 alcohols)

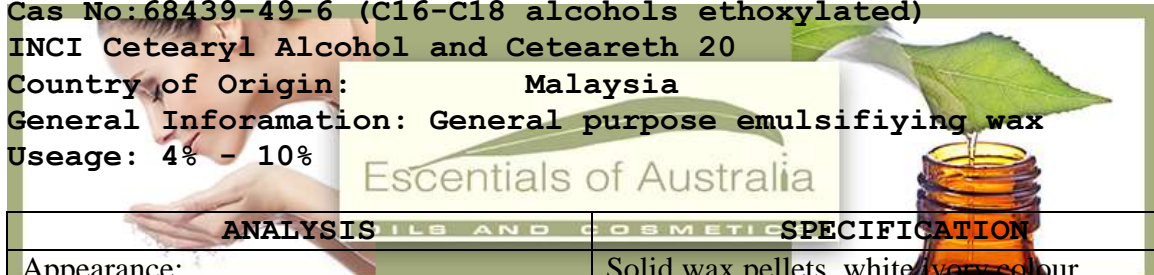
Cas No: 68439-49-6 (C16-C18 alcohols ethoxylated)

INCI Cetearyl Alcohol and Ceteareth 20

Country of Origin: Malaysia

General Information: General purpose emulsifying wax

Usage: 4% - 10%




ANALYSIS	SPECIFICATION
Appearance:	Solid wax pellets, white/very colour
Odor:	characteristic
Refractive Index @ 20C	1.439
Alkali impurities BP98	0.1%
pH 1%	6.7
Melting point	(Range 47.0—55.0) 50 deg C approx
Hydroxyl Value (mgKOH/g)	185
Acid Value	0.1
Saponification Value	0.6

Batch No 120...

Shelf life 2 years

Retest after one year

Store in a cool dry place



ACID VALUE mg KOH/g 0.01
Saponification value mg KOH/g 0.28
Iodine Value g I₂/100g 0.01
Hydroxyl value mg KOH/g 213.71
Titer Deg C 54.69
Hydrocarbon % 0.06
Moisture % 0.02

Carbon chain

C14: and lower 0.36

C16: 29.15

C18: 69.87

C20: and higher 0.06

Batch No 99...

Shelf life 2 years

Retest after one year