



VVF Singapore Pte Ltd

**CERTIFICATE OF ANALYSIS**

DATE : 28/04/2024  
 INVOICE NO. :  
 COUNTRY OF ORIGIN : INDIA  
 ACQUISITION AND PROVENIENCE : SINGAPORE / INDIA  
 SHIP : CMA CGM TITAN V.OPE91W1A  
 SAILING ON/ABOUT : 28/04/2024  
 FROM : NHAVA SHEVA, INDIA  
 TO : BUENOS AIRES, ARGENTINA

CONTRACT NO. TO20962  
 PO# AOE06762/23

DESCRIPTION	NET WEIGHT KGS	GROSS WEIGHT KGS
3 x 40' FCL CONTAINER :		
81 MT ALCOOL CETILICO <CETYL ALCOHOL 98% (C PACKING IN 25 KGS BAGS , LOOSE STUFFED	81,000.00	82,040.00
NCM/HS CODE 2905.17		
TOTAL: 3,240 BAGS	81,000.00	82,040.00

ANALYSIS RESULTS	Specified Range No. of Packages Container No:	Batch No. 24D79B0413 1,080 BAGS CMAU4799477	Batch No. 24D73B0412 2,160 BAGS CMAU8584939 TGBU6566222
	MANUFACTURING DATE:	APRIL 2024	APRIL 2024
	EXPIRY DATE:	APRIL 2027	APRIL 2027
APPEARANCE (AT 25DEG C)	White Pastilles	White Pastilles	White Pastilles
COLOUR (APHA)	10 MAX	4	4
ACID VALUE, mg of KOH/gm	0.1 MAX	0.018	0.019
SAPONIFICATION VALUE, mg of KOH/gm	0.3 MAX	0.19	0.19
IODINE VALUE, mg of KOH/gm	0.3 MAX	0.18	0.18
HYDROXYL VALUE, mg of KOH/gm	225 - 235	229.56	229.16
MOISTURE, % BY WT	0.1 MAX	0.068	0.068
SOLIDIFICATION POINT DEG C	46 - 52	48.3	48.2
CARBON CHAIN DISTRIBUTION			
C12 ALCOHOL	0.5 MAX	0.08	0.08
C14 ALCOHOL	1.0 MAX	0.08	0.09
C16 ALCOHOL	98.0 MIN	99.17	99.17
C18 ALCOHOL	1.0 MAX	0.42	0.41
HYDROCARBONS	0.5 Max	0.04	0.03

WE HEREBY CERTIFY THAT THE ABOVE MENTIONED PRODUCT ANALYSIS IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

**Manufacturer Full Name & Address :**  
 VVF [India] Limited | 109  
 Sion East, Mumbai 400 022  
 Maharashtra, India