



VVF Singapore Pte Ltd

**CERTIFICATE OF ANALYSIS**

DATE : 30/09/2023  
 INVOICE NO. : SIN/2023/2869  
 COUNTRY OF ORIGIN : INDIA  
 ACQUISITION AND PROVENIENCE : SINGAPORE / INDIA  
 SHIP : MSC GREENWICH V.IP339A  
 SAILING ON/ABOUT : 30/09/2023  
 FROM : NHAVA SHEVA, INDIA  
 TO : BUENOS AIRES, ARGENTINA

CONTRACT NO. T020840  
 PO# 12905

DESCRIPTION	NET WEIGHT KGS	GROSS WEIGHT KGS
2 x 40' FCL CONTAINER :		
27 MT CETYL ALCOHOL 98% (C1698) PACKING IN 25 KGS BAGS , LOOSE STUFFED	27,000.00	27,330.00
27 MT CETYL ALCOHOL 98% (C1698) PACKING IN 25 KGS BAGS , LOOSE STUFFED	27,000.00	27,350.00
NCM/HS CODE 2905.17		
<b>TOTAL: 2,160 BAGS</b>	<b>54,000.00</b>	<b>54,680.00</b>

ANALYSIS RESULTS	Specified Range No. of Packages Container No:	Batch No. 23G4980279 39 BAGS TRHU7710390	Batch No. 23K1380296 2,121 BAGS TRHU7710390 MSDU5533321
	MANUFACTURING DATE:	JUNE 2023	SEPTEMBER 2023
	EXPIRY DATE:	JUNE 2026	SEPTEMBER 2026
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	0.018
SAPONIFICATION VALUE, mg of KOH/gm	0.3 MAX	0.19	0.18
IODINE VALUE, mg of KOH/gm	0.3 MAX	0.19	0.19
HYDROXYL VALUE, mg of KOH/gm	225 - 235	229.6	229.40
MOISTURE, % BY WT	0.1 MAX	0.068	0.068
SOLIDIFICATION POINT DEG C	46 - 52	48.5	48.5
CARBON CHAIN DISTRIBUTION			
C12 ALCOHOL	0.5 MAX	0.10	0.08
C14 ALCOHOL	1.0 MAX	0.12	0.15
C16 ALCOHOL	98.0 MIN	98.80	98.75
C18 ALCOHOL	1.0 MAX	0.73	0.76
HYDROCARBONS	0.5 Max	0.05	0.06

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 0022  
 Maharashtra, India

**VVF SINGAPORE PTE LTD**

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 Authorized Signatory 