



## HOA VIET CHEMGROUP COMPANY LIMITED

A2/11Y, Group 3, Hamlet 1, Vinh Loc A Commune, Binh Chanh District, Ho Chi Minh City, Vietnam

Tel: 0898.517.996

Date: 09 Jan, 2023.

### CERTIFICATE OF ANALYSIS

COMMODITY : N - BUTYL ACETATE  
ORIGIN : Singapore  
FORMULA :  $C_6H_{12}O_2$   
ISSUE DATE : 09.01.2023  
EXPIRY DATE : 08.01.2026  
BATCH/LOT NO. : 1403231

TEST ITEM	METHODS	UNIT	SPEC	RESULTS
Appearance	ASTM E 2680-16	-	Clean	pass
Platinum Cobalt Colour	ASTM D1209-05 (2019)	Pt/Co Colour	Max 10	<5
Density at 20°C	ASTM D4052-18a	g/cm <sup>3</sup>	0.878 – 0.883	0.8813
Alcohol Content and Purity of Acetate Esters by GC	ASTM D3545-06(2012)	-	-	-
n- Butyl Acetate		(m/m) %	Min 99.50	99.82
Water content by Coulometric KF	ASTM E1064-16	(m/m) %	Max 0.05	0.017
Acidity (as Acetic Acid)	ASTM D1613-17	(m/m) %	Max 0.004	0.0010
Nonvolatile Matter	ASTM D1353-13	(m/m) %	Max 0.002	<0.001

WE HEREBY CERTIFY THAT THE TEST RESULTS OF QUALITY INSPECTION SHOWN AS ABOVE IS CORRECT AND TRUE.