



ศูนย์บริการโลหิตแห่งชาติ  
สภากาชาดไทย

# NATIONAL BLOOD CENTRE, THAI RED CROSS SOCIETY

## CERTIFICATE OF ANALYSIS

Product: CPD blood bag

Lot No. QMP654054

Mfg. Date 20/09/2022

Volume 450 mL

Exp. Date 20/09/2023

Test Items	Specifications	Results
1. Appearance	Clear, colorless or slightly yellow	Passed
2. Label and packaging	Complete, Correct and Clear	Passed
3. Volume	63 mL $\pm$ 5%	Passed
4. Air content	$\leq$ 15 mL	14.3 mL
5. pH	5.00-6.00	5.69
6. Citric acid anhydrous content	2.691-3.289 g/L	2.885 g/L
7. Sodium di-hydrogen phosphate monohydrate content	2.110-2.330 g/L	2.144 g/L
8. Dextrose monohydrate content	24.220 – 26.780 g/L	25.028 g/L
9. Sodium content	6.21-6.86 g/L	6.31 g/L
10. Endotoxin	$\leq$ 5.56 EU/mL	<1.00 EU/mL
11. Sterility test	Steriled	Steriled
12. Rate of Collection	$\leq$ 8.00 minutes	Passed

Narumon Worachun

Date 12/10/2022

(Narumon Worachun)

*acting* Quality Assurance and Quality Control Manager

National Blood Centre, Thai Red Cross Society

CERTIFICATE OF ANALYSIS

Product: SAGM

Lot No. QMP654054

Mfg. Date 20/09/2022

Exp. Date 20/09/2023

Test Items	Specifications	Results
1. Appearance	Clear, colorless or slightly yellow	Passed
2. Label and packaging	Complete, Correct and Clear	Passed
3. Volume	100 mL $\pm$ 5%	Passed
4. pH	4.50-6.50	5.10
5. Adenine content	0.161 – 0.177 g/L	0.164 g/L
6. Sodium content	3.28 – 3.62 g/L	3.37 g/L
7. Dextrose anhydrous content	0.779 – 0.861 g%	0.788 g%
8. Mannitol content	0.499 – 0.551 g%	0.507 g%
9. Endotoxin	$\leq$ 5.56 EU/mL	<1.00 EU/mL
10. Sterility test	Steriled	Steriled

Narumon Worachun Date 12/10/2022

(Narumon Worachun)

Acting Quality Assurance and Quality Control Manager

National Blood Centre, Thai Red Cross Society