



NATIONAL BLOOD CENTRE, THAI RED CROSS SOCIETY

CERTIFICATE OF ANALYSIS

Product: CPD blood bag

Lot No. QMP664081

Mfg. Date 20/12/2023

Volume 450 mL

Exp. Date 20/12/2024

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	12.0 mL
5. pH	5.00-6.00	5.72
6. Citric acid anhydrous content	2.691-3.289 g/L	2.844 g/L
7. Sodium di-hydrogen phosphate monohydrate content	2.110-2.330 g/L	2.177 g/L
8. Dextrose monohydrate content	24.220 – 26.780 g/L	25.202 g/L
9. Sodium content	6.21-6.86 g/L	6.38 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 12/01/2024

(Narumon Worachun)

Quality Assurance and Quality Control Manager

National Blood Centre, Thai Red Cross Society

CERTIFICATE OF ANALYSIS

Product: SAGM

Lot No. QMP664081

Mfg. Date 20/12/2023

Exp. Date 20/12/2024

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	5.09
5. Adenine content	0.161 – 0.177 g/L	0.163 g/L
6. Sodium content	3.28 – 3.62 g/L	3.41 g/L
7. Dextrose anhydrous content	0.779 – 0.861 g%	0.795 g%
8. Mannitol content	0.499 – 0.551 g%	0.515 g%
9. Endotoxin	\leq 5.56 EU/mL	<1.00 EU/mL
10. Sterility test	Steriled	Steriled

Narumon Worachun Date 12/01/2024

(Narumon Worachun)

Quality Assurance and Quality Control Manager

National Blood Centre, Thai Red Cross Society