



NATIONAL BLOOD CENTRE, THAI RED CROSS SOCIETY

CERTIFICATE OF ANALYSIS

Product: CPD blood bag

Lot No. QMP664048

Mfg. Date 26/07/2023

Volume 450 mL

Exp. Date 26/07/2024

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	10.3 mL
5. pH	5.00-6.00	5.73
6. Citric acid anhydrous content	2.691-3.289 g/L	2.851 g/L
7. Sodium di-hydrogen phosphate monohydrate content	2.110-2.330 g/L	2.148 g/L
8. Dextrose monohydrate content	24.220 – 26.780 g/L	25.033 g/L
9. Sodium content	6.21-6.86 g/L	6.29 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 18/08/2023

(Narumon Worachun)

Quality Assurance and Quality Control Manager

National Blood Centre, Thai Red Cross Society



NATIONAL BLOOD CENTRE, THAI RED CROSS SOCIETY

CERTIFICATE OF ANALYSIS

Product: **SAGM**

Lot No. **QMP664048**

Mfg. Date **26/07/2023**

Exp. Date **26/07/2024**

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	5.16
5. Adenine content	0.161 – 0.177 g/L	0.166 g/L
6. Sodium content	3.28 – 3.62 g/L	3.39 g/L
7. Dextrose anhydrous content	0.779 – 0.861 g%	0.793 g%
8. Mannitol content	0.499 – 0.551 g%	0.505 g%
9. Endotoxin	\leq 5.56 EU/mL	<1.00 EU/mL
10. Sterility test	Steriled	Steriled

Narumon Worachun Date 16/08/2023

(Narumon Worachun)

Quality Assurance and Quality Control Manager

National Blood Centre, Thai Red Cross Society