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503A source  
503B source  
Reliable source  
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Product Code	Product Description	Case Size	Maximum Beyond Use Dating Room Temperature (Unless Specified)
66647-6117-00	Calcium Gluconate 1 gram added to 0.9% Sodium Chloride 50 mL in 100 mL PAB Bag	20	65 days
66647-6117-11	Calcium Gluconate 1 gram added to 0.9% Sodium Chloride 100 mL in 150 mL PAB Bag	20	65 days
66647-6118-00	Calcium Gluconate 1 gram added to Dextrose 5% 50 mL in 100 mL PAB Bag	20	65 days
66647-6118-11	Calcium Gluconate 1 gram added to Dextrose 5% 100 mL in 150 mL PAB Bag	20	65 days
66647-6119-00	Calcium Gluconate 2 gram added to 0.9% Sodium Chloride 50 mL in 100 mL PAB Bag	20	65 days
66647-6119-11	Calcium Gluconate 2 gram added to 0.9% Sodium Chloride 100 mL in 150 mL PAB Bag	20	65 days
66647-6155-11	Diltiazem 125 mg added to 0.9% Sodium Chloride 100 mL in 150 mL PAB Bag (1 mg/mL)	20	65 days
66647-6154-11	Diltiazem 125 mg added to Dextrose 5% 100 mL in 150 mL PAB Bag (1 mg/mL)	20	65 days
66647-7189-00	Diphenhydramine 25 mg added to 0.9% Sodium Chloride 50 mL in 100 mL PAB Bag	20	65 days
66647-7190-00	Diphenhydramine 50 mg added to 0.9% Sodium Chloride 50 mL in 100 mL PAB Bag	20	65 days
66647-6130-33	Epinephrine 2 mg added to Dextrose 5% 250 mL in 250 mL Excel Bag	20	65 days
66647-7118-33	Epinephrine 4 mg added to Dextrose 5% 250 mL in 250 mL Excel Bag	20	65 days
66647-7119-33	Epinephrine 8 mg added to Dextrose 5% 250 mL in 250 mL Excel Bag	20	65 days
66647-7121-33	Heparin 1,250 units added to 0.9% Sodium Chloride 250 mL in 250 mL Excel Bag	20	65 days
66647-8100-33	Heparin 2,500 units added to 0.9% Sodium Chloride 250 mL in 250 mL Excel Bag	20	65 days
66647-8100-44	Heparin 2,500 units added to 0.9% Sodium Chloride 500 mL in 500 mL Excel Bag	20	65 days
66647-7122-58	Heparin 4,000 units added to 0.9% Sodium Chloride 1000 mL in 1000 mL Excel Bag	10	65 days
66647-7123-44	Heparin 5,000 units added to 0.9% Sodium Chloride 500 mL in 500 mL Excel Bag	20	65 days
66647-7109-58	Heparin 7,500 units added to 0.9% Sodium Chloride 1000 mL in 1000 mL Excel Bag	10	65 days
66647-6187-00	Magnesium Sulfate 1 gram added to 0.9% Sodium Chloride 50 mL in 100 mL PAB Bag	20	65 days
66647-6146-00	Magnesium Sulfate 1 gram added to Dextrose 5% 50 mL in 100 mL PAB Bag	20	65 days
66647-6148-00	Magnesium Sulfate 2 gram added to 0.9% Sodium Chloride 50 mL in 100 mL PAB Bag	20	65 days
66647-6148-11	Magnesium Sulfate 2 gram added to 0.9% Sodium Chloride 100 mL in 150 mL PAB bag	20	65 days
66647-6147-00	Magnesium Sulfate 2 gram added to Dextrose 5% 50 mL in 100 mL PAB Bag	20	65 days
66647-6147-11	Magnesium Sulfate 2 gram added to Dextrose 5% 100 mL in 150 mL PAB bag	20	65 days

Product Code	Product Description	Case Size	Maximum Beyond Use Dating Room Temperature (Unless Specified)
66647-7180-33	Magnesium Sulfate 10 gram added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-6156-33	Norepinephrine 4 mg added to Dextrose 5% 250 mL in 250 mL Excel bag	20	65 days
66647-6157-33	Norepinephrine 8 mg added to Dextrose 5% 250 mL in 250 mL Excel bag	20	65 days
66647-6157-44	Norepinephrine 8 mg added to Dextrose 5% 500 mL in 500 mL Excel bag	20	65 days
66647-6136-44	Oxytocin 10 units added to Lactated Ringers 500 mL in 500 mL Excel bag	20	65 days
66647-6142-33	Oxytocin 15 units added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-6137-33	Oxytocin 15 units added to Lactated Ringers 250 mL in 250 mL Excel bag	20	45 days
66647-6143-58	Oxytocin 20 units added to 0.9% Sodium Chloride 1000 mL in 1000 mL Excel bag	10	65 days
66647-6131-58	Oxytocin 20 units added to Dextrose 5% Lactated Ringers 1000 mL in 1000 mL Excel bag	10	65 days
66647-6138-58	Oxytocin 20 units added to Lactated Ringers 1000 mL in 1000 mL Excel bag	10	65 days
66647-6144-44	Oxytocin 30 units added to 0.9% Sodium Chloride 500 mL in 500 mL Excel bag	20	65 days
66647-6132-44	Oxytocin 30 units added to Dextrose 5% Lactated Ringers 500 mL in 500 mL Excel bag	20	65 days
66647-6139-44	Oxytocin 30 units added to Lactated Ringers 500 mL in 500 mL Excel bag	20	45 days
66647-8169-58	Oxytocin 40 units added to 0.9% Sodium Chloride 1000 mL in 1000 mL Excel bag	10	65 days
66647-6145-58	Oxytocin 60 units added to 0.9% Sodium Chloride 1000 mL in 1000 mL Excel bag	10	65 days
66647-6158-33	Phenylephrine 10 mg added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-7125-33	Phenylephrine 20 mg added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-7111-33	Phenylephrine 25 mg added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-6192-33	Phenylephrine 40 mg added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-6160-33	Potassium Phosphate 15 mmol added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days
66647-7116-44	Potassium Phosphate 30 mmol added to 0.9% Sodium Chloride 500 mL in 500 mL Excel bag	20	65 days
66647-6162-58	Sodium Bicarbonate 150 mEq added to Dextrose 5% 1000 mL in 1000 mL Excel bag	10	30 days
66647-6172-58	Sodium Bicarbonate 150 mEq in Dextrose 5% 1000 mL in 1000 mL Baxa bag	10	30 days
66647-6171-33	Vancomycin 750 mg added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-6170-33	Vancomycin 750 mg added to Dextrose 5% 250 mL in 250 mL Excel bag	20	65 days Refrigerated

Product Code	Product Description	Case Size	Maximum Beyond Use Dating Room Temperature (Unless Specified)
66647-6164-33	Vancomycin 1 gram added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-6163-33	Vancomycin 1 gram added to Dextrose 5% 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-6174-33	Vancomycin 1.25 gram added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-6173-33	Vancomycin 1.25 gram added to Dextrose 5% 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-6176-33	Vancomycin 1.5 gram added to 0.9% Sodium Chloride 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-6175-33	Vancomycin 1.5 gram added to Dextrose 5% 250 mL in 250 mL Excel bag	20	65 days Refrigerated
66647-7160-44	Vancomycin 1.75 gram added to 0.9% Sodium Chloride 500 mL in 500 mL Excel bag	20	65 days Refrigerated
66647-6178-44	Vancomycin 2 gram added to 0.9% Sodium Chloride 500 mL in 500 mL Excel bag	20	65 days Refrigerated

Product Code	Product Description	Case Size	Maximum Beyond Use Dating Room Temperature
66647-6000-25	Atropine 0.4 mg/mL 5 mL in 5 mL BD Syringe	25	65 days
66647-6501-65	Bupivacaine PF 0.25% 20 mL in 20 mL BD Syringe	25	65 days
66647-6003-25	Ephedrine 5 mg/mL in 0.9% Sodium Chloride 5 mL in 5 mL BD Syringe	25	65 days
66647-6003-42	Ephedrine 5 mg/mL in 0.9% Sodium Chloride 10 mL in 10 mL BD Syringe	25	65 days
66647-6004-25	Ephedrine 10 mg/mL in 0.9% Sodium Chloride 5 mL in 5 mL BD Syringe	25	65 days
66647-2271-32	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 1 mL in 3 mL BD Syringe	25	65 days
66647-2003-11	Fentanyl 50 mcg/mL 2 mL in 3 mL BD Syringe	25	65 days
66647-6084-25	Glycopyrrolate 0.2 mg/mL 5 mL in 5 mL BD Syringe	25	65 days
66647-3022-25	Ketamine 10 mg/mL in 0.9% Sodium Chloride 5 mL in 5 mL BD Syringe	25	65 days
66647-6006-25	Lidocaine 2% 5 mL in 5 mL BD Syringe	25	65 days
66647-6065-25	Neostigmine 1 mg/mL 5 mL in 5 mL BD Syringe	25	65 days
66647-6007-42	Phenylephrine 40 mcg/mL in 0.9% Sodium Chloride 10 mL in 10 mL BD Syringe	25	65 days
66647-6008-42	Phenylephrine 80 mcg/mL in 0.9% Sodium Chloride 10 mL in 10 mL BD Syringe	25	65 days
66647-6009-42	Phenylephrine 100 mcg/mL in 0.9% Sodium Chloride 10 mL in 10 mL BD Syringe	25	65 days
66647-6010-25	Rocuronium 10 mg/mL 5 mL in 5 mL BD Syringe	25	65 days
66647-6011-25	Succinylcholine 20 mg/mL 5 mL in 5 mL BD Syringe	25	65 days
66647-6011-42	Succinylcholine 20 mg/mL 10 mL in 10 mL BD Syringe	25	65 days
66647-6012-42	Vecuronium 1 mg/mL in Sterile Water for Inj. 10 mL in 10 mL BD Syringe	25	65 days

Product Code	Product Description	Case Size	Maximum Beyond Use Dating Room Temperature
66647-2173-33	Fentanyl 5 mcg/mL in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-2071-10	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 1 mL in 3 mL BD Syringe	25	65 days
66647-2071-42	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 10 mL in 10 mL BD Syringe	25	65 days
66647-2271-00	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge	25	65 days
66647-2271-80	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge (MedNet label)	25	65 days
66647-2071-94	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 50 mL in 60 mL BD Syringe	15	65 days
66647-2171-11	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 100 mL in 100 mL Hospira Bag	24	65 days
66647-2171-33	Fentanyl 10 mcg/mL in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-2001-42	Fentanyl 10 mcg/mL in Dextrose 5% 10 mL in 10 mL BD Syringe	25	65 days
66647-2001-73	Fentanyl 10 mcg/mL in Dextrose 5% 30 mL in 30 mL BD Syringe	25	65 days
66647-2101-33	Fentanyl 10 mcg/mL in Dextrose 5% 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-2174-33	Fentanyl 20 mcg/mL in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-2503-40	Fentanyl 50 mcg/mL 8 mL in 10 mL BD Syringe	25	65 days
66647-2503-72	Fentanyl 50 mcg/mL 25 mL in 30 mL BD Syringe	25	65 days
66647-2003-94	Fentanyl 50 mcg/mL 50 mL in 60 mL BD Syringe	15	65 days
66647-2103-10	Fentanyl 50 mcg/mL 50 mL in 100 mL Hospira Bag	24	65 days
66647-2103-11	Fentanyl 50 mcg/mL 100 mL in 100 mL Hospira Bag	24	65 days
66647-2580-94	Fentanyl 1.5 mcg/mL / 0.125% Bupivacaine PF in 0.9% Sodium Chloride 60 mL in 60 mL BD Syringe	15	60 days
66647-2181-33	Fentanyl 2 mcg/mL / 0.0625% Bupivacaine PF in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	60 days
66647-2182-11	Fentanyl 2 mcg/mL / 0.125% Bupivacaine PF in 0.9% Sodium Chloride 100 mL in 100 mL Hospira Bag	24	60 days
66647-2182-33	Fentanyl 2 mcg/mL / 0.125% Bupivacaine PF in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	60 days
66647-2183-11	Fentanyl 2.5 mcg/mL / 0.1% Bupivacaine PF in 0.9% Sodium Chloride 100 mL in 100 mL Hospira Bag	24	60 days
66647-2013-25	Hydromorphone 0.1 mg/mL in Dextrose 5% 5 mL in 5 mL BD Syringe	25	65 days
66647-2013-73	Hydromorphone 0.1 mg/mL in Dextrose 5% 30 mL in 30 mL BD Syringe	25	65 days
66647-2010-73	Hydromorphone 0.2 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL BD Syringe	25	65 days
66647-2210-00	Hydromorphone 0.2 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge	25	65 days
66647-2210-80	Hydromorphone 0.2 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge (MedNet label)	25	65 days

Product Code	Product Description	Case Size	Maximum Beyond Use Dating Room Temperature
66647-2110-00	Hydromorphone 0.2 mg/mL in 0.9% Sodium Chloride 50 mL (10 mg added to 50 mL ) in 50 mL Hospira Bag	24	65 days
66647-2010-94	Hydromorphone 0.2 mg/mL in 0.9% Sodium Chloride 50 mL in 60 mL BD Syringe	15	65 days
66647-2011-73	Hydromorphone 0.5 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL BD Syringe	25	65 days
66647-2211-00	Hydromorphone 0.5 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge	25	65 days
66647-2211-80	Hydromorphone 0.5 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge (MedNet label)	25	65 days
66647-2012-73	Hydromorphone 1 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL BD Syringe	25	65 days
66647-2212-00	Hydromorphone 1 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge	25	65 days
66647-2212-80	Hydromorphone 1 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL Hospira PCA Cartridge (MedNet label)	25	65 days
66647-2012-94	Hydromorphone 1 mg/mL in 0.9% Sodium Chloride 50 mL in 60 mL BD Syringe	15	65 days
66647-3020-10	Ketamine 50 mg/mL 1 mL in 3 mL BD Syringe	25	65 days
66647-4139-33	Midazolam 0.5 mg/mL in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-4131-11	Midazolam 0.5 mg/mL in Dextrose 5% 100 mL (50 mg added to 100 mL) in 100 mL Hospira Bag	24	65 days
66647-4131-33	Midazolam 0.5 mg/mL in Dextrose 5% 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-4035-42	Midazolam 1 mg/mL in 0.9% Sodium Chloride 10 mL in 10 mL BD Syringe	25	65 days
66647-4135-10	Midazolam 1 mg/mL in 0.9% Sodium Chloride 50 mL in 100 mL Hospira Bag	24	65 days
66647-4135-11	Midazolam 1 mg/mL in 0.9% Sodium Chloride 100 mL in 100 mL Hospira Bag	24	65 days
66647-4135-33	Midazolam 1 mg/mL in 0.9% Sodium Chloride 250 mL in 250 mL Pinnacle Bag	12	65 days
66647-4036-94	Midazolam 1 mg/mL in Dextrose 5% 50 mL in 60 mL BD Syringe	15	65 days
66647-4533-40	Midazolam 5 mg/mL 8 mL in 10 mL BD Syringe	25	65 days
66647-4533-72	Midazolam 5 mg/mL 25 mL in 30 mL BD Syringe	25	65 days
66647-2040-10	Morphine 1 mg/mL in 0.9% Sodium Chloride 1 mL in 3 mL BD Syringe	25	65 days
66647-2040-73	Morphine 1 mg/mL in 0.9% Sodium Chloride 30 mL in 30 mL BD Syringe	25	65 days
66647-2140-00	Morphine 1 mg/mL in 0.9% Sodium Chloride 50 mL (50 mg added to 50 mL) in 50 mL Hospira Bag	24	65 days
66647-2040-94	Morphine 1 mg/mL in 0.9% Sodium Chloride 50 mL in 60 mL BD Syringe	15	65 days
66647-2140-11	Morphine 1 mg/mL in 0.9% Sodium Chloride 100 mL (100 mg added to 100 mL) in 100 mL Hospira Bag	24	65 days
66647-2541-72	Morphine 5 mg/mL in 0.9% Sodium Chloride 25 mL in 30 mL BD Syringe	25	65 days
66647-2041-94	Morphine 5 mg/mL in 0.9% Sodium Chloride 50 mL in 60 mL BD Syringe	15	65 days



**Blood Cardioplegia Formulas**

Product Code	Product Description	Total Volume (mLs)	MSA/MSG 0.92 molar (mLs)	Tromethamine 0.3 molar (mLs)	CP2D (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Dextrose 70% (mLs)	Sodium Chloride 4 mEq/mL (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0110-06	Induction 4:1 High K (30 mEq) 415 mL, Bag	415		100	25	15	18.8	2.4	4	45 days
66647-0110-00	Induction 4:1 High K (60 mEq) 830 mL, Bag	830		200	50	30	37.5	4.7	4	45 days
66647-0110-01	Induction 4:1 High K (36 mEq) <i>Low Tromethamine</i> 500 mL, Bag	500		60	30	18	28	3.4	4	45 days
66647-0110-02	Induction 8:1 High K (108 mEq) 500 mL, Bag	500		136	48	54	18.4	2.4	4	45 days
66647-0110-07	Induction 8:1 High K (100 mEq) <i>LOW DEXTROSE</i> 500 mL, Bag	500		126.6	31.6	50		3.1	4	45 days
66647-0100-02	Warm Induction 4:1 High K (40 mEq) 500 mL, Bag	500	62.5	112.5	112.5	20	18		4	45 days
66647-0100-03	Warm Induction 4:1 High K (80 mEq) 1000 mL, Bag	1000	125	225	225	40	36.1		4	45 days
66647-0100-11	Warm Induction 4:1 High K (40 mEq) <i>Low Tromethamine</i> 500 mL, Bag	500	62.5	56.3	112.5	20	18		4	45 days
66647-0110-03	Maintenance 4:1 Low K (20 mEq) 810 mL, Bag	810		200	50	10	37.5	4.7	4	45 days
66647-0110-04	Maintenance 4:1 Low K (36 mEq) <i>Low Tromethamine</i> 1000 mL, Bag	1000		123	61	18	57	6.8	4	45 days
66647-0110-05	Maintenance 8:1 Low K (24 mEq) 500 mL, Bag	500		136	48	12	20	2.6	4	45 days
66647-0110-08	Maintenance 8:1 Low K (36 mEq) <i>LOW DEXTROSE</i> 500 mL, Bag	500		126.6	31.6	18		3.1	4	45 days
66647-0100-05	Reperfusate NO K 238.75 mL, Bag	238.75	31.3	56.3	56.3		8.7		4	45 days
66647-0100-06	Reperfusate NO K 477.5 mL, Bag	477.5	62.5	112.5	112.5		17.3		4	45 days
66647-0100-07	Reperfusate 4:1 Low K (7.5 mEq) 238.75 mL, Bag	238.75	31.3	56.3	56.3	3.75	8.7		4	45 days
66647-0100-08	Reperfusate 4:1 Low K (15 mEq) 477.5 mL, Bag	477.5	62.5	112.5	112.5	7.5	17.3		4	45 days
66647-0100-09	Reperfusate 4:1 Low K (15 mEq) <i>Low Tromethamine</i> 500 mL, Bag	500	62.5	56	113	7.5	26		4	45 days
66647-0100-10	Reperfusate 8:1 Low K (32 mEq) 500 mL, Bag	500	125	166	133	16	13		4	45 days

Product Code	Product Description	Total Volume (mLs)	Plasmalyte A, pH 7.4 (mLs)	Lidocaine 2% (mLs)	Sodium Bicarbonate 1 mEq/mL (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Mannitol 20% (mLs)	Ringer's Injection (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0120-12	Induction 4:1 High K (30 mEq) in Plasmalyte A, pH 7.4 542 mL, Bag	542	500	5	22	15			4	45 days
66647-0120-11	Maintenance 4:1 Low K (30 mEq) in Plasmalyte A, pH 7.4 1047 mL, Bag	1047	1000	10	22	15			4	45 days
66647-0120-06	Induction 4:1 High K (48 mEq) in Ringer's 522.8 mL, Bag	522.8		12.5	11	24	156.3	319	4	45 days
66647-0120-05	Maintenance 4:1 Low K (12 mEq) in Ringer's 504.8 mL, Bag	504.8		12.5	11	6	156.3	319	4	45 days

Product Code	Product Description	Total Volume (mLs)	Sodium Chloride 4 mEq/mL (mLs)	Magnesium Sulfate 4.06 mEq/mL (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0120-14	Induction 8:1 High K (70 mEq) non-enriched 300 mL, Bag	300	10	4.6	35	4	45 days
66647-0120-15	Maintenance 8:1 Low K (24 mEq) non-enriched 300 mL, Bag	300	11	5	12	4	45 days

Product Code	Product Description	Total Volume (mLs)	Plasmalyte A, pH 7.4 (mLs)	Tromethamine 0.3 molar (mLs)	Mannitol 20% (mLs)	Dextrose 70% (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Magnesium Sulfate 4.06 mEq/mL (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0110-11	Induction 4:1 High K (50 mEq) in Plasmalyte A, pH 7.4 with Tromethamine 500 mL, Bag	500	375	63	18	9.3	25	5	4	45 days
66647-0110-12	Maintenance 4:1 Low K (40 mEq) in Plasmalyte A, pH 7.4 with Tromethamine 1000 mL, Bag	1000	780	126	35	17.9	20	10	4	45 days

### Other Cardioplegia Formulas

Product Code	Product Description	Total Volume (mLs)	Calcium Chloride 1.36 mEq/mL (mLs)	Sodium Chloride 4 mEq/mL (mLs)	Sodium Bicarbonate 1 mEq/mL (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Magnesium Sulfate 4.06 mEq/mL (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0120-09	Modified St. Thomas High K (122 mEq) 1000 mL, Bag	1000	1.6	25	10	61	7.2	4	45 days
66647-0120-10	Modified St. Thomas Low K (70 mEq) 1000 mL, Bag	1000	1.6	25	10	35	7.2	4	45 days
66647-0120-04	Modified St. Thomas High K (106 mEq) High Sodium Bicarbonate 1000 mL, Bag	1000	1.6	25	46	53	7.2	4	45 days
66647-0120-03	Modified St. Thomas Low K (62 mEq) High Sodium Bicarbonate 1000 mL, Bag	1000	1.6	25	46	31	7.2	4	45 days

Product Code	Product Description	Total Volume (mLs)	Plasmalyte A, pH 7.4 (mLs)	Lidocaine 2% (mLs)	Sodium Bicarbonate 1 mEq/mL (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Mannitol 20% (mLs)	Magnesium Sulfate 4.06 mEq/mL (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0120-02	del Nido Formula (Plasmalyte A, pH 7.4) 1052.8 mL, Bag	1052.8	1000	6.5	13	13	16.3	4	4	45 days

Product Code	Product Description	Total Volume (mLs)	Adenosine 3 mg/mL (mLs)	Lidocaine 2% (mLs)	Magnesium Sulfate 4.06 mEq/mL (mLs)	0.9% Sodium Chloride (mLs) (NORMAL SALINE)	Case Size	Maximum Beyond Use Dating Room Temp
66647-0020-00	Adenosine Lidocaine Magnesium Sulfate 40 mL, Syringe	40	13.3	2	8	16.7	3	45 days

Product Code	Product Description	Total Volume (mLs)	MSA/MSG 0.92 molar (mLs)	Plasmalyte A, pH 7.4 (mLs)	CP2D (mLs)	Dextrose 70% (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0100-01	Microplegia (MSA/MSG 0.92 Molar) 125 mL, Bag	125	125				4	45 days
66647-0100-12	Microplegia (MSA/MSG 0.92 Molar) with CP2D 40 mL, Bag	40	25		15		4	45 days
66647-0100-14	Transplant Solution (Plasmalyte A, pH 7.4) 55 mL, Bag	55	20	25		7.1	4	45 days

Product Code	Product Description	Total Volume (mLs)	Sodium Chloride 4 mEq/mL (mLs)	Magnesium Sulfate 4.06 mEq/mL (mLs)	Potassium Chloride 2 mEq/mL (mLs)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0120-13	Microplegia High K (100 mEq) 200 mL, Bag	200	2.8	5	50	4	45 days

Product Code	Product Description	Osmolarity (mOsm/L)	Case Size	Maximum Beyond Use Dating Refrigerated
66647-0140-12	Trophamine 2% / Dextrose 5% with Calcium Gluconate 3.75 mEq 250 mL in 250 mL Baxa Bag	449	4	45 days
66647-0140-15	Trophamine 2% / Dextrose 5% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	449	4	45 days
66647-0140-00	Trophamine 2% / Dextrose 10% 250 mL in 250 mL Baxa Bag	679	4	45 days
66647-0140-01	Trophamine 2% / Dextrose 10% with Calcium Gluconate 3.75 mEq 250 mL in 250 mL Baxa Bag	701	4	45 days
66647-0140-25	Trophamine 2% / Dextrose 10% with Calcium Gluconate 2.33 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	693	4	45 days
66647-0140-16	Trophamine 2% / Dextrose 10% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	701	4	45 days
66647-0140-02	Trophamine 2.5% / Dextrose 10% 250 mL in 250 mL Baxa Bag	723	4	45 days
66647-0140-18	Trophamine 2.5% / Dextrose 10% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	745	4	45 days
66647-0140-13	Trophamine 3% / Dextrose 5% with Calcium Gluconate 3.75 mEq 250 mL in 250 mL Baxa Bag	537	4	45 days
66647-0140-27	Trophamine 3% / Dextrose 5% with Calcium Gluconate 2.33 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	528	4	45 days
66647-0140-19	Trophamine 3% / Dextrose 5% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	537	4	45 days
66647-0140-04	Trophamine 3% / Dextrose 10% 250 mL in 250 mL Baxa Bag	767	4	45 days
66647-0140-05	Trophamine 3% / Dextrose 10% with Calcium Gluconate 3.75 mEq 250 mL in 250 mL Baxa Bag	789	4	45 days
66647-0140-28	Trophamine 3% / Dextrose 10% with Calcium Gluconate 2.33 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	780	4	45 days
66647-0140-20	Trophamine 3% / Dextrose 10% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	789	4	45 days
66647-0140-06	Trophamine 3.5% / Dextrose 10% 250 mL in 250 mL Baxa Bag	811	4	45 days
66647-0140-07	Trophamine 3.5% / Dextrose 10% with Calcium Gluconate 3.75 mEq 250 mL in 250 mL Baxa Bag	832	4	45 days
66647-0140-29	Trophamine 3.5 % / Dextrose 10% with Calcium Gluconate 2.33 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	824	4	45 days
66647-0140-21	Trophamine 3.5% / Dextrose 10% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	832	4	45 days
66647-0140-08	Trophamine 4% / Dextrose 10% 250 mL in 250 mL Baxa Bag	854	4	45 days
66647-0140-09	Trophamine 4% / Dextrose 10% with Calcium Gluconate 3.75 mEq 250 mL in 250 mL Baxa Bag	876	4	45 days
66647-0140-22	Trophamine 4% / Dextrose 10% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	876	4	45 days
66647-0140-30	Trophamine 6% / Dextrose 10% with Calcium Gluconate 2.33 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	1043	4	45 days
66647-0140-23	Trophamine 6% / Dextrose 10% with Calcium Gluconate 3.75 mEq and Heparin 125 units 250 mL in 250 mL Baxa Bag	1051	4	45 days

Product Code	Product Description	Total Volume (mLs)	0.9% Sodium Chloride (mLs) (NORMAL SALINE)	Sodium Citrate 4% (mLs)	Dextrose 70% (mLs)	Magnesium Sulfate 4% (mLs)	SWFI (mLs)	Case Size	Maximum Beyond Use Dating Room Temperature
66647-0130-01	CRRT Boston Citrate 3000 mL, Bag	3000	2045.45	292.97	8.57	13.85	639.16	5	45 days
66647-0130-00	CRRT Trisodium Citrate 0.5% 4000 mL, Bag	4000	2306	500			1194	4	45 days