

Application:Other - Traditional

Item No.	Product Name	Isotope	UOM	Application	Chemical Formula	Unlabeled CAS Number
BALM-1345-PK	BARIUM-135 CARBONATE	(135Ba)	ME	Other - Traditional	*BaCO3	513-77-9
BALM-3930-PK	BARIUM-137 CARBONATE	(137Ba)	ME	Other - Traditional	*BaCO3	513-77-9
BALM-4336-0	BARIUM-136 NITRATE	(136Ba)	ME	Other - Traditional	Ba(NO3)2	10022-31-8
BLM-1331-PK	BORON-10 TRIFLUORIDE	(10B, 99%)	G	Other - Traditional	BF3	7637-07-2
BLM-1380-PK	BORON-10 CARBIDE	(10B, 92-99%)	G	Other - Traditional	B4C	12069-32-8
BLM-1381-0	BORON-11 CARBIDE	(11B, 95%)	G	Other - Traditional	B4C	12069-32-8
BLM-1385-PK	BORON-11 OXIDE	(11B, 99%) > 90% CHEMICAL PURITY	G	Other - Traditional	*B2O3	1303-86-2
BLM-1504-PK	BORON-11 METAL	(11B, 99%)	G	Other - Traditional	*B	7440-42-8
BLM-797-5	BORIC-11 ACID	(11B, 99%)	5 G	Other - Traditional	H3BO3	10043-35-3
BLM-870-5	BORIC-10 ACID	(10B, 96%)	5 G	Other - Traditional	H3*BO3	10043-35-3
BRLM-3985-0	SODIUM BROMIDE-79	(79Br)	ME	Other - Traditional	NaBr	7647-15-6
BRLM-4305-PK	SODIUM BROMIDE-81	(81Br)	ME	Other - Traditional	NaBr	7647-15-6
CALM-3581-PK	CALCIUM-40 CARBONATE	(40Ca)	ME	Other - Traditional	*CaCO3	471-34-1
CALM-3685-PK	CALCIUM-43 CARBONATE	(43Ca)	ME	Other - Traditional	*CaCO3	471-34-1
CALM-3993-PK	CALCIUM-46 CARBONATE	(46Ca)	ME	Other - Traditional	*CaCO3	471-34-1
CALM-478-PK	CALCIUM-42 CARBONATE	(42Ca)	ME	Other - Traditional	*CaCO3	471-34-1
CALM-479-PK	CALCIUM-44 CARBONATE	(44Ca)	ME	Other - Traditional	*CaCO3	471-34-1
CDLM-2019-PK	CADMIUM-112 OXIDE	(112Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-2373-PK	CADMIUM-113 CHLORIDE	(113Cd)	ME	Other - Traditional	*CdCl2	10108-64-2
CDLM-2374-PK	CADMIUM-111 CHLORIDE	(111Cd)	ME	Other - Traditional	*CdCl2	10108-64-2
CDLM-2435-PK	CADMIUM-113 OXIDE	(113Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-3550-PK	CADMIUM-114 OXIDE	(114Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-3660-PK	CADMIUM-112 METAL	(112Cd)	ME	Other - Traditional	Cd	7440-43-9
CDLM-3759-PK	CADMIUM-116 METAL	(116Cd)	ME	Other - Traditional	*Cd	7440-43-9
CDLM-3771-PK	CADMIUM-116 OXIDE	(116Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-3830-PK	CADMIUM-111 OXIDE	(111Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-3956-PK	CADMIUM-108 OXIDE	(108Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-4389-PK	CADMIUM-106 OXIDE	(106Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-4395-PK	CADMIUM-110 OXIDE	(110Cd)	ME	Other - Traditional	*CdO	1306-19-0
CDLM-4658-PK	CADMIUM-106 METAL	(106Cd)	ME	Other - Traditional	*Cd	7440-43-9
CDLM-4746-PK	CADMIUM-108 METAL	(108Cd)	ME	Other - Traditional	*Cd	7440-43-9
CDLM-786-PK	CADMIUM-113 METAL	(113Cd)	ME	Other - Traditional	*Cd	7440-43-9
CDLM-9295-PK	CADMIUM-114 METAL	(114Cd)	ME	Other - Traditional	*Cd	7440-43-9
CHLM-1224-0.5	SODIUM CHLORIDE	(35Cl, 99%)	0.5 G	Other - Traditional	Na*Cl	7647-14-5
CHLM-1224-1	SODIUM CHLORIDE	(35Cl, 99%)	1 G	Other - Traditional	Na*Cl	7647-14-5
CLM-7799-0	4-CHLOROBENZALDEHYDE	(RING-13C6, 99%)	G	Other - Traditional	*C6CH5ClO	104-88-1
CLM-8151-0	1-BROMO-2-IODO-4-METHOXYBENZENE	(13C6, 99%) 95%+ CHEMICAL PURITY	G	Other - Traditional	C*C6H6BrIO	4897-68-1
CLM-8727-1	(METHOXYMETHYL)TRIPHENYLPHOSPHONIUM CHLORIDE	(METHYL-13C, 99%)	1 G	Other - Traditional	(C6H5)3P(Cl)*CH2OCH3	4009-98-7
CRLM-2107-PK	CHROMIUM-50 OXIDE	(50Cr)	ME	Other - Traditional	Cr2O3	1308-38-9
CRLM-3324-PK	CHROMIUM-53 METAL	(53Cr)	ME	Other - Traditional	Cr	7440-47-3
CRLM-3661-0	CHROMIUM-52 METAL	(52Cr)	ME	Other - Traditional	Cr	7440-47-3
CRLM-3736-PK	CHROMIUM-53 OXIDE	(53Cr)	ME	Other - Traditional	Cr2O3	1308-38-9
CRLM-4396-PK	CHROMIUM-54 OXIDE	(54Cr)	ME	Other - Traditional	Cr2O3	1308-38-9
CRLM-7736-PK	CHROMIUM-50 METAL	(50Cr)	ME	Other - Traditional	Cr	7440-47-3
CULM-2099-PK	COPPER-63 OXIDE	(63Cu)	ME	Other - Traditional	*CuO	1317-38-0
CULM-4577-PK	COPPER-65 OXIDE	(65Cu)	ME	Other - Traditional	CuO	1317-38-0
CULM-463-PK	COPPER-63 METAL	(63Cu)	ME	Other - Traditional	Cu	7440-50-8
CULM-748-PK	COPPER-65 METAL	(65Cu)	ME	Other - Traditional	Cu	7440-50-8
DYLM-4492-PK	DYSPROSIUM-162 OXIDE	(162Dy2)	ME	Other - Traditional	*Dy2O3	1308-87-8
DYLM-4493-0	DYSPROSIUM-164 OXIDE	(164Dy)	ME	Other - Traditional	*Dy2O3	1308-87-8
DYLM-6579-PK	DYSPROSIUM-161 OXIDE	(161Dy)	ME	Other - Traditional	Dy2O3	1308-87-8
ERLM-3584-0	ERBIUM-170 OXIDE	(170Er2)	ME	Other - Traditional	Er2O3	12061-16-4
ERLM-4494-0	ERBIUM-166 OXIDE	(166Er2)	ME	Other - Traditional	Er2O3	12061-16-4
ERLM-4495-PK	ERBIUM-168 OXIDE	(168Er)	ME	Other - Traditional	Er2O3	12061-16-4
ERLM-6016-0	ERBIUM-162 OXIDE	(162Er)	ME	Other - Traditional	Er2O3	12061-16-4
EULM-3708-PK	EUROPIUM-151 OXIDE	(151Eu)	ME	Other - Traditional	Eu2O3	1308-96-9
FELM-2490-PK	IRON-56 METAL	(56Fe)	ME	Other - Traditional	Fe	7439-89-6
FELM-3735-PK	IRON-58 OXIDE	(58Fe)	ME	Other - Traditional	*Fe2O3	1309-37-1
FELM-3909-PK	IRON-54 OXIDE	(54Fe)	ME	Other - Traditional	*Fe2O3	1309-37-1
FELM-4206-PK	IRON-58 METAL	(58Fe)	ME	Other - Traditional	*Fe	7439-89-6
FLM-1261-PK	IRON-54 METAL	(54Fe)	ME	Other - Traditional	*Fe	7439-89-6
FLM-1272-PK	IRON-57 OXIDE	(57Fe)	ME	Other - Traditional	*Fe2O3	1309-37-1
FLM-1812-10	IRON-57 METAL	(57Fe, 95%+)	10 MGE	Other - Traditional	Fe	7439-89-6
FLM-1812-100	IRON-57 METAL	(57Fe, 95%+)	100 MGE	Other - Traditional	Fe	7439-89-6
GDLM-4414-0	GADOLINIUM-155 OXIDE	(155Gd)	ME	Other - Traditional	Gd2O3	12064-62-9

Application: Neonatal Standards

GDLM-4496-0	GADOLINIUM-156 OXIDE	(156Gd2)	ME	Other - Traditional	Gd2O3	12064-62-9
GDLM-4497-PK	GADOLINIUM-158 OXIDE	(158Gd2)	ME	Other - Traditional	Gd2O3	12064-62-9
GDLM-4498-PK	GADOLINIUM-160 OXIDE	(160Gd2)	ME	Other - Traditional	*Gd2O3	12064-62-9
HFLM-4443-0	HAFNIUM-180 OXIDE	(180Hf)	ME	Other - Traditional	HfO2	12055-23-1
HGLM-3814-PK	MERCURY-204 OXIDE	(204Hg)	ME	Other - Traditional	HgO	21908-53-2
HGLM-3851-PK	MERCURY-202 METAL	(202Hg)	ME	Other - Traditional	Hg	7439-97-6
HGLM-3963-PK	MERCURY-199 OXIDE	(199Hg)	ME	Other - Traditional	HgO	21908-53-2
HGLM-4274-PK	MERCURY-201 OXIDE	(201Hg)	ME	Other - Traditional	HgO	21908-53-2
HGLM-4397-0	MERCURY-198 OXIDE	(198Hg)	ME	Other - Traditional	HgO	21908-53-2
HGLM-4398-PK	MERCURY-200 OXIDE	(200Hg)	ME	Other - Traditional	HgO	21908-53-2
LLM-1811-1	LITHIUM-6 CARBONATE	(6Li2, 95%)	1 G	Other - Traditional	*Li2CO3	554-13-2
LLM-1811-10	LITHIUM-6 CARBONATE	(6Li2, 95%)	10 G	Other - Traditional	*Li2CO3	554-13-2
LLM-827-1	LITHIUM-6 METAL	(6Li, 95%)	1 G	Other - Traditional	Li	7439-93-2
LLM-827-10	LITHIUM-6 METAL	(6Li, 95%)	10 G	Other - Traditional	Li	7439-93-2
MGLM-1335-PK	MAGNESIUM-25 OXIDE	(25Mg)	ME	Other - Traditional	*MgO	1309-48-4
MGLM-2460-PK	MAGNESIUM-26 OXIDE	(26Mg)	ME	Other - Traditional	*MgO	1309-48-4
MGLM-4321-PK	MAGNESIUM-26 METAL	(26Mg)	ME	Other - Traditional	Mg	7439-95-4
MGLM-4475-PK	MAGNESIUM-25 METAL	(25Mg)	ME	Other - Traditional	Mg	7439-95-4
MGLM-4525-PK	MAGNESIUM-24 OXIDE	(24Mg)	ME	Other - Traditional	MgO	1309-48-4
MLM-1533-0	MAGNESIUM-24 METAL	(24Mg)	ME	Other - Traditional	Mg	7439-95-4
NILM-2491-PK	NICKEL-58 METAL	(58Ni)	ME	Other - Traditional	Ni	7440-02-0
NILM-3663-PK	NICKEL-62 METAL	(62Ni)	ME	Other - Traditional	Ni	7440-02-0
NILM-3778-PK	NICKEL-61 METAL	(61Ni)	ME	Other - Traditional	Ni	7440-02-0
NILM-4446-PK	NICKEL-60 METAL	(60Ni)	ME	Other - Traditional	Ni	7440-02-0
NILM-485-PK	NICKEL-64 METAL	(64Ni)	ME	Other - Traditional	Ni	7440-02-0
OLM-240-10-1	WATER	(18O, 10%)	1 G	Other - Traditional	H2*O	7732-18-5
OLM-240-10-10	WATER	(18O, 10%)	10 G	Other - Traditional	H2*O	7732-18-5
OLM-240-10-5	WATER	(18O, 10%)	5 G	Other - Traditional	H2*O	7732-18-5
OLM-240-10-50	WATER	(18O, 10%)	50 G	Other - Traditional	H2*O	7732-18-5
OSLM-4218-0	OSMIUM-187 METAL	(187Os)	ME	Other - Traditional	Os	7440-04-2
OSLM-4500-PK	OSMIUM-188 METAL	(188Os)	ME	Other - Traditional	Os	7440-04-2
PBLM-2375-0	LEAD-207 NITRATE	(207Pb)	ME	Other - Traditional	Pb(NO3)2	10099-74-8
PBLM-3662-PK	LEAD-206 METAL	(206Pb)	ME	Other - Traditional	*Pb	7439-92-1
PBLM-3854-0	LEAD-208 CARBONATE	(208Pb)	ME	Other - Traditional	PbCO3	598-63-0
PBLM-3937-0	LEAD-207 CARBONATE	(207Pb)	ME	Other - Traditional	PbCO3	598-63-0
PBLM-3977-PK	LEAD-207 METAL	(207Pb)	ME	Other - Traditional	Pb	7439-92-1
PBLM-3983-PK	LEAD-204 METAL	(204Pb)	ME	Other - Traditional	Pb	7439-92-1
PBLM-4333-PK	LEAD-204 OXIDE	(204Pb)	ME	Other - Traditional	PbO	1317-36-8
PBLM-4447-0	LEAD-206 CARBONATE	(206Pb)	ME	Other - Traditional	PbCO3	598-63-0
PBLM-4490-0	LEAD-204 CARBONATE	(204Pb)	ME	Other - Traditional	PbCO3	598-63-0
PBLM-4644-0	LEAD-206 OXIDE	(206Pb)	ME	Other - Traditional	PbO	1317-36-8
PBLM-4827-PK	LEAD-207 OXIDE	(207Pb)	ME	Other - Traditional	PbO	1317-36-8
PBLM-825-0	LEAD-207 SULFATE	(207Pb)	ME	Other - Traditional		
PBLM-836-PK	LEAD-208 METAL	(208Pb)	ME	Other - Traditional	Pb	7439-92-1
SILM-1076-PK	SILICON-29 DIOXIDE	(29Si)	ME	Other - Traditional	*SiO2	60676-86-0
SILM-3582-PK	SILICON-28 DIOXIDE	(28Si)	ME	Other - Traditional	SiO2	14808-60-7
SILM-4517-PK	SILICON-30 DIOXIDE	(30Si)	ME	Other - Traditional	*SiO2	60676-86-0
SILM-668-PK	SILICON-29 METAL	(29Si)	ME	Other - Traditional	Si	7440-21-3
SLM-1085-PK	SULFUR-34 METAL	(34S)	ME	Other - Traditional	S	7704-34-9
SLM-4225-PK	SULFUR-33 METAL	(33S)	ME	Other - Traditional	S	7704-34-9
SMLM-3690-PK	SAMARIUM-144 OXIDE	(144Sm2)	ME	Other - Traditional	Sm2O3	12060-58-1
SMLM-4255-PK	SAMARIUM-152 OXIDE	(152Sm2)	ME	Other - Traditional	Sm2O3	12060-58-1
SMLM-4504-PK	SAMARIUM-154 OXIDE	(154Sm2)	ME	Other - Traditional	Sm2O3	12060-58-1
SNLM-3844-PK	TIN-116 METAL	(116Sn)	ME	Other - Traditional	Sn	7440-31-5
SNLM-3984-PK	TIN-112 METAL	(112Sn)	ME	Other - Traditional	Sn	7440-31-5
SNLM-4201-PK	TIN-119 METAL	(119Sn)	ME	Other - Traditional	Sn	7440-31-5
SNLM-4202-PK	TIN-119 OXIDE	(119Sn)	ME	Other - Traditional	SnO	7440-31-5
SNLM-4213-PK	TIN-118 METAL	(118Sn)	ME	Other - Traditional	Sn	7440-31-5
SNLM-780-PK	TIN-117 METAL	(117Sn)	ME	Other - Traditional	Sn	7440-31-5
YBLM-4506-PK	YTTERBIUM-172 OXIDE	(172Yb2)	ME	Other - Traditional	Yb2O3	1314-37-0
YBLM-4507-PK	YTTERBIUM-174 OXIDE	(174Yb2)	ME	Other - Traditional	Yb2O3	1314-37-0
YBLM-4508-0	YTTERBIUM-176 OXIDE	(176Yb2)	ME	Other - Traditional	Yb2O3	1314-37-0
YBLM-4897-0	YTTERBIUM-171 OXIDE	(171Yb2)	ME	Other - Traditional	Yb2O3	1314-37-0
ZNLM-1270-PK	ZINC-70 METAL	(70Zn)	ME	Other - Traditional	Zn	7440-66-6
ZNLM-2371-PK	ZINC-67 OXIDE	(67Zn)	ME	Other - Traditional	*ZnO	1314-13-2
ZNLM-2406-PK	ZINC-67 METAL	(67Zn)	ME	Other - Traditional	*Zn	7440-66-6

## Application: Neonatal Standards

ZNLM-3664-PK	ZINC-68 OXIDE	(68Zn)	ME	Other - Traditional	ZnO	1314-13-2
ZNLM-3872-PK	ZINC-66 OXIDE	(66Zn)	ME	Other - Traditional	ZnO	1314-13-2
ZNLM-4275-PK	ZINC-70 OXIDE	(70Zn)	ME	Other - Traditional	*ZnO	1314-13-2
ZNLM-4436-PK	ZINC-64 OXIDE	(64Zn)	ME	Other - Traditional	ZnO	1314-13-2
ZNLM-4640-0	ZINC-66 METAL	(66Zn)	ME	Other - Traditional	Zn	7440-66-6
ZNLM-4641-PK	ZINC-68 METAL	(68Zn)	ME	Other - Traditional	Zn	7440-66-6
ZRLM-2455-PK	ZIRCONIUM-91 OXIDE	(91Zr)	ME	Other - Traditional	ZrO2	1314-23-4
ZRLM-4421-0	ZIRCONIUM-90 METAL	(90Zr)	ME	Other - Traditional	Zr	7440-67-7