

UNLV				Outside
Standard		Chemical	Mineral	Standard
Number	Supplier	Formula	Name	Number
UNLV-1	Geller	Al	High Purity Metal	
UNLV-2	Geller	Be	High Purity Metal	
UNLV-3	Geller	B	High Purity Metal	
UNLV-4	Geller	Cd	High Purity Metal	
UNLV-5	Geller	Cr	High Purity Metal	
UNLV-6	Geller	Co	High Purity Metal	
UNLV-7	Geller	C	High Purity Metal	
UNLV-8	Geller	Cu	High Purity Metal	
UNLV-9	Geller	Ge	High Purity Metal	
UNLV-10	Geller	Au	High Purity Metal	
UNLV-11	Geller	In	High Purity Metal	
UNLV-12	Geller	Ir	High Purity Metal	
UNLV-13	Geller	Fe	High Purity Metal	
UNLV-14	Geller	Pb	High Purity Metal	
UNLV-15	Geller	Mn	High Purity Metal	
UNLV-16	Geller	Mo	High Purity Metal	
UNLV-17	Geller	Mg	High Purity Metal	
UNLV-18	Geller	Ni	High Purity Metal	
UNLV-19	Geller	Nb	High Purity Metal	
UNLV-20	Geller	Pd	High Purity Metal	
UNLV-21	Geller	Pt	High Purity Metal	
UNLV-22	Geller	Rh	High Purity Metal	
UNLV-23	Geller	Si	High Purity Metal	
UNLV-24	Geller	SiO ₂	Sythetic Quartz	
UNLV-25	Geller	Ag	High Purity Metal	
UNLV-26	Geller	Ta	High Purity Metal	
UNLV-27	Geller	Sb	High Purity Metal	
UNLV-28	Geller	Sn	High Purity Metal	
UNLV-29	Geller	Ti	High Purity Metal	
UNLV-30	Geller	W	High Purity Metal	
UNLV-31	Geller	V	High Purity Metal	
UNLV-32	Geller	Y	High Purity Metal	
UNLV-33	Geller	Zn	High Purity Metal	
UNLV-34	Geller	Zr	High Purity Metal	
UNLV-35	Geller	Bi	High Purity Metal	
UNLV-36	Geller	Hf	High Purity Metal	
UNLV-37	USNM(2)	FeCO ₃	Ivigtut Siderite	USNM R2460
UNLV-38	USNM(2)	(Ca,Mg)CO ₃	Oberdorf Dolomite	USNM 10057

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UNLV-39	USNM(2)	CaCO ₃	Calcite	USNM 136321
UNLV-40	USNM(4)	SrCO ₃	Oberdorf an der Laming Strontianite	NMNH R10065
UNLV-41	Harvard	CaMg(CO ₃) ₂	Oberdorf Dolomite	HMM 105064
UNLV-42	Harvard	NaCa ₂ (Mg,Fe)4Ti(Si ₆ Al ₂)O ₂₂ (OH) ₂	Harrat Hutaymah Kaersutite	HMM 131928 USNM 116503.0032
UNLV-43	USNM(1)	(Ca,Na)2-3(Mg,Fe,Al)5Si ₆ (Si,Al)2O ₂₂ (OH) ₂	Kakanui Hornblende	USNM 143965
UNLV-44	Harvard	Fe ₃ Al ₂ (SiO ₄) ₃	Green's Creek Almandine	HMM 112140
UNLV-45	USNM(1)	Mg ₂ 3Al ₂ Si ₃ O ₁₂	Kakanui Pyrope	USNM 143968
UNLV-46	USNM(1)	(K,Na)AlSi ₃ O ₈	Kakanui Anorthoclase	USNM 133868
UNLV-47	USNM(1)	(Ca,NA)Al(Al,Si)Si ₂ O ₈	Lake Co, Plagioclase	USNM 115900
UNLV-48	Harvard	NaAlSi ₃ O ₈	Amelia Albite	HMM 131705
UNLV-49	USNM(1)	KAl ₃ Si ₃ O ₈	Microcline	USNM 143966
UNLV-50	Harvard	Mg ₂ SiO ₄	Harrat al Kishb Forsterite	HMM 131929 USNM 116507.0063
UNLV-51	USNM(1)	(Mg,Fe) ₂ SiO ₄	San Carlos Olivine	USNM 111312/444
UNLV-52	USNM(3)	(Ca,Na)(Mg,Fe,Al)(Si,Al) ₂ O ₆	Black Rock Summit Flow Cr Augite	NMNH 164905
UNLV-53	USNM(1)	FeCr ₂ O ₄	Tiebaghi Chromite	USNM 117075
UNLV-54	USNM(1)	FeTiO ₃	Ilmen Ilmenite	USNM 96189
UNLV-55	Harvard	Fe ₂ O ₃	Minas Gerais Hematite	HMM 92649
UNLV-56	USNM(1)	Fe ₃ O ₄	Minas Gerais Magnetite	USNM 114887
UNLV-57	Harvard	ZnAl ₂ O ₄	Brazil Gahnite	HMM 111989 USNM 145882
UNLV-58	Harvard	Al ₂ SiO ₅	Okkampitya Sillimanite	HMM 131013
UNLV-59	Harvard	Al ₂ O ₃	Eheliyagoda Corundum	HMM 126097
UNLV-60	Harvard	SiO ₂	Ouachita Moutains Quartz	HMM 122838
UNLV-61	USNM(1)	Ca ₅ (PO ₄) ₃ OH	Durango Apatite	USNM 104021
UNLV-62	USNM(1)	(Ca,Na)(Mg,Fe,Al)Si ₂ O ₆	Roberts Mine Omphacite	USNM 110607
UNLV-63	Harvard	MgSiO ₃	Chandrika Wewa Enstatite	HMM 131709
UNLV-64	USNM(1)	75 Si, Fe,Ca,K	Synthetic Teckite Glass	USNM 2213
UNLV-65	USNM(1)	50 Si,Fe,Mg,Ca	VG-2 Basaltic Glass	USNM 111240/52
UNLV-66	USNM(1)	76 Si ,K,Na	VG-568 Rhyolitic Glass	USNM 72854
UNLV-67	USNM(1)	51 Si,Fe,Mg,Ca,Ti	VG-A99 Basaltic Glass	USNM 113498/1
UNLV-68	Harvard	K(Mg,Fe) ₂ (Si ₃ Al)O ₁₀ (OH,F) ₂	Cathance River Biotite	HMM 131627
UNLV-69	Harvard	KAl ₂ (Si ₃ Al)O ₁₀ (OH,F) ₂	Blue Mountain Muscovite	HMM 112791
UNLV-70	USNM(1)	BaTiSi ₃ O ₉	San Benito Benitoite	USNM 86539
UNLV-71	MAC-EMS	MnSiO ₃	Natural Rhodonite	
UNLV-72	MAC-EMS	CaSiO ₃	Natural Wollastonite	
UNLV-73	MAC-EMS	SrTiO ₃	Strontium Titanate	S-1155 L# Special
UNLV-74	MAC-EMS	ZrSiO ₄	Zircon	
UNLV-75	MAC-EMS	CaTiSiO ₅	Sphene	
UNLV-76	MAC-EMS	NaAlSi ₂ O ₆	Jadeite	

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UNLV-77	MAC-EMS	KAISiO8	Natural Orthoclase	
UNLV-78	MAC-EMS	Be3Al2Si6O18	Natural Beryl	
UNLV-79	MAC-EMS	Al2O3	Synthetic Aluminium Oxide	A-1217 L# 3259
UNLV-80	MAC-EMS	Cr2O3	Chromium Oxide	C-1100 L# 5651
UNLV-81	MAC-EMS	Fe2O3	Ferric Oxide	I-1060 L# 13697-A1A-2A
UNLV-82	MAC-EMS	Cu2O	Cuprite	
UNLV-83	MAC-EMS	ThO2	Thorium Oxide	T-1209 L# H12315-A-1
UNLV-84	MAC-EMS	FeO	Ferrous Oxide	L# H17277-A-1+2
UNLV-85	MAC-EMS	MgO	Magnesium Oxide	
UNLV-86	MAC-EMS	NiO	Nickel Oxide	N-1043 L# H14404-C-2
UNLV-87	MAC-EMS	PbO	Lead Oxide	L-1034 L# 4695
UNLV-88	MAC-EMS	TiO	Titanium Monoxide	T-1154 L# 5759-SZ-1
UNLV-89	MAC-EMS	As	High Purity Metal	
UNLV-90	MAC-EMS	GaAs	Synthetic Gallium Arsenide	
UNLV-91	MAC-EMS	KCl	Synthetic Potassium Chloride	
UNLV-92	MAC-EMS	NaCl	Synthetic Sodium Chloride	
UNLV-93	MAC-EMS	HgS	Synthetic Mercury Sulphide	
UNLV-94	MAC-EMS	CdS	Cadmium Sulphide	
UNLV-95	MAC-EMS	PbS	Natural Galena	
UNLV-96	MAC-EMS	ZnS	Zinc Sulphide	L# 4634-A
UNLV-97	MAC-EMS	Cu2S	Chalcocite	
UNLV-98	MAC-EMS	CuFeS2	Chalcopyrite	
UNLV-99	MAC-EMS	FeS2	Pyrite	
UNLV-100	MAC-EMS	Ca5(PO4)3(F,Cl,OH)	Natural Apatite	
UNLV-101	MAC-EMS	BaSO4	Cumbria Baryte	
UNLV-102	MAC-EMS	CaSO4	Natural Anhydrite	
UNLV-103	MAC-EMS	SrSO4	Celestine	
UNLV-104	MAC-EMS	CaF2	Natural Fluorite	
UNLV-105	MAC-EMS	PbF2	Lead Flouride	L-1115 L# 15596-B-1-5
UNLV-106	USNM(5)	CePO4	Sythetic REE OrthoPhosphate	USNM168484
UNLV-107	USNM(5)	DyPO4	Sythetic REE OrthoPhosphate	USNM 168485
UNLV-108	USNM(5)	ErPO4	Sythetic REE OrthoPhosphate	USNM 168486
UNLV-109	USNM(5)	EuPO4	Sythetic REE OrthoPhosphate	USNM 168487
UNLV-110	USNM(5)	GdPO4	Sythetic REE OrthoPhosphate	USNM 168488
UNLV-111	USNM(5)	HoPO4	Sythetic REE OrthoPhosphate	USNM 168489
UNLV-112	USNM(5)	LaPO4	Sythetic REE OrthoPhosphate	USNM 168490
UNLV-113	USNM(5)	LuPO4	Sythetic REE OrthoPhosphate	USNM 168491
UNLV-114	USNM(5)	NdPO4	Sythetic REE OrthoPhosphate	USNM 168492

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UNLV-115	USNM(5)	PrPO4	Sythetic REE OrthoPhosphate	USNM 168493
UNLV-116	USNM(5)	SmPO4	Sythetic REE OrthoPhosphate	USNM 168494
UNLV-117	USNM(5)	ScPO4	Sythetic REE OrthoPhosphate	USNM 168495
UNLV-118	USNM(5)	TbPO4	Sythetic REE OrthoPhosphate	USNM 168496
UNLV-119	USNM(5)	TmPO4	Sythetic REE OrthoPhosphate	USNM 168497
UNLV-120	USNM(5)	YbPO4	Sythetic REE OrthoPhosphate	USNM 168498
UNLV-121	USNM(5)	YPO4	Sythetic REE OrthoPhosphate	USNM 168499
UNLV-122	NIST	Au100	Gold-Silver Alloy	SRM 481A
UNLV-123	NIST	Au80-Ag20	Gold-Silver Alloy	SRM 481B
UNLV-124	NIST	Au60-Ag40	Gold-Silver Alloy	SRM 481C
UNLV-125	NIST	Au40-Cu60	Gold-Silver Alloy	SRM 481D
UNLV-126	NIST	Au20-Ag80	Gold-Silver Alloy	SRM 481E
UNLV-127	NIST	Ag100	Gold-Silver Alloy	SRM 481F
UNLV-128	NIST	Au100	Gold-Copper Alloy	SRM 482A
UNLV-129	NIST	Au80-Cu20	Gold-Copper Alloy	SRM 482B
UNLV-130	NIST	Au60-Cu40	Gold-Copper Alloy	SRM 482C
UNLV-131	NIST	Au40-Cu60	Gold-Copper Alloy	SRM 482D
UNLV-132	NIST	Au20-Cu80	Gold-Copper Alloy	SRM 482E
UNLV-133	NIST	Cu100	Gold-Copper Alloy	SRM 482F
UNLV-134	NIST	Si,Na,K,Ca,S,Sb	Soda-Lime-Silica Glass	SRM 710
UNLV-135	NIST	Cr 18 - Ni 12 - Mo 2	Stainless Steel	SRM 160b AISI 316
UNLV-136	NIST	50 ppm Fe,Ni,Ag,Sr,Th,Pb,Rb,U	Trace Element Glass	SRM 612
UNLV-137	MAC-EMS	U	REE Glass Uranium	CR 980001437
UNLV-138	NIST	500 ppm Fe,Mn,Ni,Pb,Rb,Sr,U	Trace Element Glass	SRM 610