

Company	Country	Materials	Website(s)
Crystal	Germany	crystal substrates	https://crystal-gmbh.com/en/products/substrates/a-z.php
Crystal Substrates	UK, USA	crystal substrates	https://www.crystalsubstrates.com/collections/single-crystal-substrates
Crystan	UK	optical materials	https://www.crystran.co.uk/optical-materials
CrysTec	Germany	semi-conductors, oxide wafers and crystal substrates	http://www.crystec.de/products-e.html
Electron Microscopy Sciences	USA	MAC Reference Standards for X-ray Microanalysis	https://www.emsdiasum.com/mac-reference-standards-for-x-ray-microanalysis
ESPI Metals	USA	metals, alloys shop by element or alloy	https://espimetals.com/ https://espimetals.com/shop/
IAGEO	UK	Harvard EPMA materials	http://iageo.com/microanalytical-reference-materials/
Luciteria Science	USA	elements elements for sale	https://luciteria.com/ https://luciteria.com/elements-for-sale
MaTeck	Germany	elements, compounds, single crystals, optical crystals, targets, salts	https://mateck.com/en/
Micro-Analysis Consultants	UK	reference materials	https://micro-analysis.com/materials/index.asp
MSE Supplies	USA	single crystals, wafers, substrates	https://www.msesupplies.com/collections/single-crystals-wafers-and-substrates
MTI Corporation	USA	crystal substrates, targets crystal substrates metallic substrates ceramic & glass substrates targets	https://www.mtixtl.com/ https://mtixtl.com/collections/crystals https://mtixtl.com/collections/metallic-substrate-a-z https://mtixtl.com/collections/ceramic-glass-substrate-a-z https://mtixtl.com/collections/target-a-z
NIST reference materials	USA	Tables of Related Materials	https://shop.nist.gov/ccrz_CCPage?pageKey=SRMCategory&cclcl=en_US

NIST micronalysis reference materials	USA	SRM K-411 Glass microspheres SRM 480 W-Mo alloy SRM 481 Gold-silver wires SRM 482 Gold-copper wires SRM 2061 TiAl(NbW) Alloy SRM 2841, 2842 AlGaAs thin films	https://shop.nist.gov/ccrz_ProductDetails?sku=2066&cclcl=en_US https://shop.nist.gov/ccrz_ProductDetails?sku=480&cclcl=en_US https://shop.nist.gov/ccrz_ProductDetails?sku=481&cclcl=en_US https://shop.nist.gov/ccrz_ProductDetails?sku=482&cclcl=en_US https://shop.nist.gov/ccrz_ProductDetails?sku=2061&cclcl=en_US https://tsapps.nist.gov/srmext/tables/103.4.pdf
<u>NIST archived documentation</u>	USA	SRM 470: Mineral glasses SRM 1871: Pb-silicate glasses SRM 1872: Pb-germanate glasses SRM 1873: Ba-Zn-silicate glasses SRM 1874: Li-Al glasses SRM 1875: Al-Mg-phosphate glasses RM 8531: Glass fibers	https://tsapps.nist.gov/srmext/certificates/archives/470.pdf https://tsapps.nist.gov/srmext/certificates/archives/1871.pdf https://tsapps.nist.gov/srmext/certificates/archives/1872.pdf https://tsapps.nist.gov/srmext/certificates/archives/1873.pdf https://tsapps.nist.gov/srmext/certificates/archives/1874.pdf https://tsapps.nist.gov/srmext/certificates/archives/1875.pdf https://tsapps.nist.gov/srmext/certificates/archives/8531.pdf
Nova Elements	Italy	elements shop, interactive periodic table	https://www.novaelements.net/ https://www.novaelements.net/periodic-table
Smithsonian Institution National Museum of Natural History	USA	Smithsonian Microbeam Standards	https://naturalhistory.si.edu/research/mineral-sciences/collections-overview/reference-materials/smithsonian-microbeam-standards
SPI Supplies	USA	reference materials	https://www.2spi.com/category/standards
Stanford Advanced Materials	USA	metals, ceramics, crystal substrates	https://www.samaterials.com/
SurfaceNet	Germany	crystals, substrates, ceramics list of crystals catalog of standard substrates stocklist of former production stocklist of targets catalog of PLD ceramic targets	https://www.surfacenet.de/products.html https://www.surfacenet.de/crystals-281.html https://www.surfacenet.de/files/PDFs/catalog-standard-substrates.pdf https://www.surfacenet.de/files/PDFs/stocklist_substrates_2018-09-01.pdf https://www.surfacenet.de/files/PDFs/stocklist_targets_2018-09-01.pdf https://www.surfacenet.de/files/PDFs/list-PLD-ceramic-targets.pdf
ThermoFisher Scientific	USA	chemicals element search tool salts and inorganics	https://www.thermofisher.com/ca/en/home/chemicals.html https://www.thermofisher.com/ca/en/home/chemicals/interactive-periodic-table-elements.html https://www.thermofisher.com/search/browse/category/us/en/80013494