

Fire assay flux, consumables and mining lab supplies

High quality products, industry expertise,
local distribution network



Fire assay flux and consumables

VWR part of Avantor helps you reduce your operating costs, ensure fusion consistency and improve operator safety with our industry leading, high quality products.



FLUX

We are the world's largest manufacturer of high-purity fire assay flux, using a quality control system that guarantees gold levels under 1.5 ppb in the litharge component of the flux.

- Flux perfect for low level detection assay work
- Guaranteed low gold level (typically <1 ppb Au)
- Low silver flux also available (<0.17 ppm Ag)
- Testing done by global renowned independent accredited laboratories
- Certificate of analysis available with each batch of flux manufactured
- Custom formulations available including silver additions if required
- Strict confidence for proprietary knowledge and other information supplied by customers
- Flux available in granular or powder format
- Packaged in UN-approved plastic bags (15kg or 20kg), metal or plastic pails (20kg or 25kg), open head metal drums (250kg) or bulk bags / totes (500kg or 1000kg)

CRUCIBLES

We offer a choice of different crucibles to match your requirements.

- Two product ranges available; achieve up to 4-5 fusions or up to 7-8 fusions depending on ore type and flux formulation
- Both ranges withstand severe thermal shocks – highest degree of mechanical strength
- Uniform shape to accommodate crucible handling equipment and tumbler mixers
- Sizes available: 15g, 20g, 30g, 40g, 45g, 50g and larger

CUPELS

We manufacture the industry-leading Anachemia Alpine cupel using high-purity magnesium oxide and strict quality controls.

- Highest lead absorption
- Consistent ultra-low loss of precious metal
- No cracking and no pitting – highest degree of mechanical strength
- Sizes available: 5A deep, 5A shallow, 6A deep, 6A shallow, 6A tall, 8A
- Packaging designed for ease of use; carton with fall away side panels allowing easy access for cupel forks and packaged in 50 or 84 per layer aligning with number of fusions
- Bone ash cupels also available in either tapered or straight sides

Full offering of quality lab products

We provide global access to our broad portfolio of trusted, quality brands for all your mining lab needs.



SAMPLE PREPARATION

Comprehensive product offering to meet the requirements of the mining sample prep lab.

FIRE ASSAY

All of your fire assay needs from furnaces to consumable items are available through VWR.

WEIGHING

We carry large industrial scales, analytical balances and micro balances as well as a complete line of balance accessories.

METALLURGICAL LAB

Comprehensive offering for the metallurgical lab.

WET LAB

A complete line of analytical lab products including laboratory glassware, plasticware, filter paper, fume hoods, laboratory furniture, laboratory hot plates/stirrers.

CHEMICAL

We manufacture laboratory chemicals and have a complete line of acids, solvents, salts and solutions

SAFETY

We have a wide variety of personal protection and safety equipment suitable for a mining laboratory.

NEW LAB START-UP

We offer modular or permanent lab facility design services, including efficient and ergonomically safe workflow for lab personnel and meeting environmental regulations.

Global Mining Lab Expertise

Request your mining lab catalogue at vwr.com/mining



Avantor's channel brand, VWR with its own brands Anachemia and Klen, has long been the leading global provider of product and service solutions for mining laboratories. Working with our own teams and specialized local partners, we have established a distribution network that reaches thousands of mining labs and facilities across the world.

The goal of our Global Mining expert team is to support the key individuals who drive progress at mining laboratories around the world - lab managers, chief assayers and purchasers. By making the lives of these individuals easier with high-quality

products, competitive prices and convenient one-stop shopping, VWR proudly enables the advancement of the mining industry worldwide.

For more information, visit vwr.com/mining or our local partner.



Anachemia
a VWR Brand



To order or for more information on our products, please contact us at:

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We will be happy to assist you.