

Certified Net Acid Generation (NAG), Sulphur and Carbon Reference Material Certificate

EGICRM024432

Date of issue: 20 February 2024

Certified Control Values

Net Acid Generation (NAG)

NAG_{pH} 4.48
Standard Deviation 0.20
95% Confidence Interval ± 0.046

NAG_(pH 7.0) 4.0 kg H₂SO₄/t (Reference Value)
Standard Deviation 0.42 kg H₂SO₄/t
95% Confidence Interval ± 0.096 kg H₂SO₄/t

Sulphur

Sulphur Grade 0.47%
Standard Deviation 0.03%
95% Confidence Interval ± 0.008%

Carbon

Carbon Grade 0.06%
Standard Deviation 0.02%
95% Confidence Interval ± 0.006%

CRM Details

Control statistics for NAG were produced from an interlaboratory study conducted September 2021, consisting of 73 results to certify this material. Control statistics for sulphur and carbon were produced from results accumulated in an April 2012 round robin, consisting of 75 sulphur and 47 carbon results to certify this material.

The material is a Copper Gold Sulphide Ore. It can be used as a reference material for monitoring and testing the accuracy of laboratory assay data.

All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry material is then pulverised to better than 75 micron using an air classifier. The materials are packaged in heat sealed, air tight, foil lined pulp packets ready for distribution.

This product remains stable in its original packaging, away from direct sunlight. This product is not hazardous and is non-toxic.



Scan the QR code to learn more about CRM Certificates

EGi are world leaders in environmental geochemistry and hydrochemical services for mine waste and water management from exploration, risk assessment and modeling, operational audits and reviews, through to rehabilitation, closure and monitoring.