

## Eurofins Demonstrates Proven Quality in REE Analysis

**107 GeoPT results. 0 questionable or unsatisfactory z-scores. That is the outcome of our performance in international GeoPT proficiency testing for rare earth element analysis.**

At Eurofins, we regularly participate in external proficiency testing programmes to independently verify the quality and reliability of our analytical methods. For rare earth elements determined by lithium borate fusion and ICP-MS, the most important scheme is the GeoPT Proficiency Testing Programme for Geochemical Laboratories, organized by the International Association of Geoanalysts (IAG). We typically participate in this programme one to two times per year.

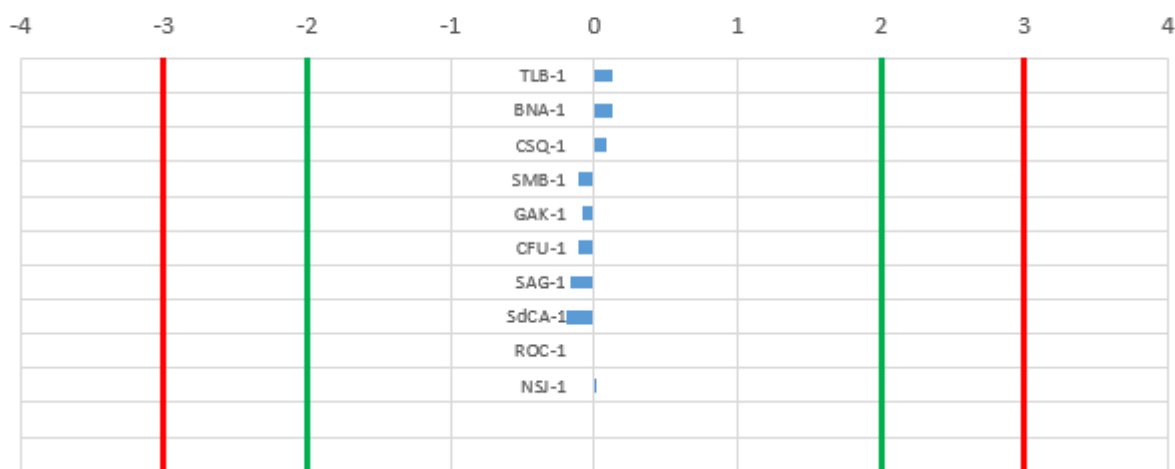
We are proud to see the performance of our lithium borate fusion and ICP-MS methodology consistently verified through these international proficiency testing rounds. Across 2024-2026 158 individual REE results covering all 16 naturally occurring rare earth elements (Sc, Y, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu), not a single result has been classified as questionable or unsatisfactory based on z-scores.

- 100% of results classified as satisfactory ( $|z| \leq 2$ )
- 99% of results within a z-score range of -1 to +1
- 93% of results within a z-score range of -0.5 to +0.5
- Zero questionable ( $2 < |z| < 3$ ) or unsatisfactory results ( $|z| \geq 3$ )

According to GeoPT performance criteria, results with an absolute z-score below 2 are considered satisfactory, while values above 3 are classified as unsatisfactory.

The outstanding GeoPT performance demonstrated for REEs is not limited to rare earth elements alone. The same fusion-ICP-MS workflow delivers equally strong analytical performance for several other critical raw materials, including Nb, Ta, Hf and Ga, providing reliable data across a wide range of exploration and resource evaluation projects.

### Praseodymium Z-score graphics



## Niobium Z-score graphics

