



**Kit 8-4-2018 second batch
for IRR**

Technical Definition

Chemical analysis on Ti 6-4

You shall respect the HSE policy of your laboratory for each performed test.

Instructions to participant laboratories

Please read these instructions carefully BEFORE starting the tests.

1. One blank (Ø50x20mm) is supplied to each participant. Laboratory shall submit a report for each accredited element and accredited method.

In case of :

- loss or deterioration of PTP sample(s) please contact your sponsor for replacement kit.
- exclusion of a test specimen results by yourself, you shall provide a short root cause analysis.

2. For each method, the laboratory shall report one value according to its usual process. The laboratory shall also indicate how many analyses were performed to obtain this result.

- One technician shall perform all analyses.

3. Each participant is required to report the following elements to the indicated precision regardless of their normal practice.

Element	Symbol	Precision (%)
Aluminium	Al	x.xxx
Carbon	C	x.xxxxx
Hydrogen	H	x.xxxxx
Iron	Fe	x.xxx
Nitrogen	N	x.xxxxx
Oxygen	O	x.xxxx
Titanium	Ti	x.xx
Vanadium	V	x.xxx
Molybdenum	Mo	x.xxx
Tin	Sn	x.xxx
Yttrium	Y	x.xxxxx
Zirconium	Zr	x.xxx

All evaluated characteristics will be analysed according to the algorithm A (ISO 13528 – 2015) and evaluated using z-score.

4. Each element shall be reported in Percent Concentration, to the precision (the number of significant digits) indicated.

The provided results shall be within the analytical range of the laboratory. If a laboratory is not able to provide results with the required precision, **the values shall not be reported.**

Non-quantified elements, such as “less than”, “not detected,” etc., shall not be reported.

**Kit 8-4-2018 second batch
for IRR****Technical Definition**

Chemical analysis on Ti 6-4

Elements shall not be reported in PPM or any other unit of measurement than Percent Concentration.

5. Testing shall start as soon as test specimens are received.
6. Instructions for submission of results : when you have performed your tests, please contact info@ptpscheme.com or marie-caroline.fages@ptpscheme.com
7. To ensure the confidential treatment of your results in the final report, you will be allocated a unique identity number when you register for the program.
8. Collusion and falsification of your PTP results are totally forbidden.

REVISION HISTORY

Issue Date	Issue N°	Changes
01/07/2019	1	Document creation