

Certificate of Analysis (CoA)

May 20, 2026

Product Name: Iron Granules / Pieces**Chemical Formula:** Fe**Purity:** 99.995% min. / 4N5, based on metallic impurities**Particle Size:** 3–15 mm**Quantity:** 10 kg**Lot Number:** FE25-G-0225-G-HPE-3000KG**Manufactured by:** MetalsTek Engineering

Purity Statement

The stated purity of Fe 99.995% min. is calculated based on metallic impurities. Non-metallic / gas elements such as C, O, N, and H are tested and reported separately for reference and are not included in the metallic purity calculation.

Based on the listed metallic impurity results, the material meets Fe 99.995% min. / 4N5 grade.

Metallic impurities (GDMS / ICP-MS / ICP-OES)

Element	Result, ppm
S	6
P	4
Si	<5
Mn	1
Cu	1
Pb	1
B	2
As	1

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Element	Result, ppm
Cl	1
Zn	2
Sn	1
Co	8
Cr	5
Ni	1
Ca	1
Mg	1
Total Metallic Impurities	≤41 ppm
Fe Purity, metallic impurity basis	≥99.9959%

Non-Metallic / Gas Elements (LECO combustion)

Element	Result, ppm
C	4
O	80
H	5
N	<5

Conclusion

This material conforms to Fe 99.995% min. / 4N5 grade, calculated on a metallic impurity basis, with C/O/N/H reported separately.

Authorized Signature:

Inspection Certificate by: Nancy Liu

Approver by: Chen Qiang

