



Our baking pan is PFAS-free

Independently tested by Intertek and TUV SUD

Certification document | Ceramic non-stick coating | Latest test: April 2026

What are PFAS, and why does it matter?

PFAS stands for per- and polyfluoroalkyl substances: a large group of more than 10,000 chemical compounds used in industry for their heat and moisture resistance. You will find them in water-repellent clothing, packaging materials, and until recently in a great many non-stick coatings on cookware.

The problem: PFAS barely break down in the environment and can accumulate in the human body. Scientific research links long-term exposure to health risks such as reduced immune response and hormone disruption. The European Union is tightening its regulations accordingly, and more and more consumers are deliberately choosing PFAS-free cookware.

Fornello chooses ceramic, on purpose

At Fornello we believe good food starts with trusting your equipment. Our baking pan has a ceramic non-stick coating, with no PTFE, no PFOA and no other PFAS substance. Not because regulations require it, but because it is the right choice for you, your family and the world around us.

To back that promise with facts, we had the ceramic coating tested by TÜV SÜD, one of the most authoritative independent testing institutes in the world. In April 2026 we went further and had it done again, more broadly: this time by Intertek, in our own name, on complete bread makers taken from our running production. The results speak for themselves.

Four independent tests, one conclusion

Two independent testing institutes have examined the ceramic non-stick coating of our baking pan. TÜV SÜD tested the coating itself (CY806 Full Color Series, silica-ceramic powder). In 2026 Intertek tested the coating as it actually sits on our baking pans, sampled from complete bread makers that we submitted as Fornello B.V. Below you will find each test and its outcome.

✓ PASSED	PFAS retest 2026 Intertek · report no. GZHH00640412 · 10 April 2026 679 PFAS substances tested All 679 substances: not detected. Complies with the EU regulation on PFOS and PFOA, including the 2025 amendment.
✓ PASSED	PFAS coating test TÜV SÜD · report no. 721690917-2.1 · 14 May 2024 289 PFAS substances tested All PFAS substances: not detected. Fluorine: not detected.
✓ PASSED	REACH test TÜV SÜD · report no. 721681100-2 · 1 June 2023 233 SVHC substances tested All substances of very high concern (SVHC) under EU 1907/2006: not detected.
✓ PASSED	RoHS test TÜV SÜD · report no. 721681100-1 · 1 June 2023 Heavy metals & plasticisers tested Cadmium, lead, mercury and chromium(VI) far below the EU limit. Plasticisers <0.005%.

Test results in detail

1. PFAS retest 2026 · Intertek, report no. GZHH00640412 (10 April 2026)

Applicant:	Fornello B.V. We commissioned this test ourselves, on our own product. So this is our evidence, not a supplier's.
Laboratory:	Intertek Testing Services Shenzhen Ltd., Guangzhou Branch.
Component tested:	The ceramic coating of the baking pan, sampled from two complete bread makers taken from our running production.
Testing period:	3 to 10 April 2026.
Method:	EN 17681-1:2025, alkaline hydrolysis followed by LC-MS/MS analysis. This is the current European test standard for PFAS in consumer products.
Regulation:	EU POPs Regulation 2019/1021, including amendments 2025/718 (PFOS) and 2020/784 Annex I Part A (PFOA).
PFOS result:	Not detected (detection limit 0.01 mg/kg; EU limit 0.025 mg/kg). PFOS-related compounds likewise not detected (detection limit 0.1 mg/kg; EU limit 1 mg/kg). Passed.
PFOA result:	Not detected (detection limit 0.01 mg/kg; EU limit 0.025 mg/kg). PFOA-related compounds likewise not detected (detection limit 0.1 mg/kg; EU limit 1 mg/kg). Passed.
Broad PFAS scan:	Beyond the statutory checks, 679 individual PFAS substances were measured separately, at a detection limit of 0.01 mg/kg for the vast majority of them. All 679: not detected.
Verification:	The report number can be verified directly with Intertek.

2. PFAS coating test · TÜV SÜD, report no. 721690917-2.1 (14 May 2024)

Coating tested:	Ceramic non-stick coating CY806 Full Color Series, silica-ceramic powder. Produced by Zhong Shan FuLiDa Coating CO., LTD.
Scope:	289 individual PFAS substances tested, including PFOA, PFOS and all short- and long-chain perfluorinated compounds.
Method:	Analysis in line with international PFAS testing protocols; the reporting limit per substance is stated in the report.
Result:	All 289 substances: not detected. Total fluorine measurement: not detected.

3. REACH test · TÜV SÜD, report no. 721681100-2 (1 June 2023)

Regulation:	EU Regulation 1907/2006 (REACH), the European regulation on the registration, evaluation, authorisation and restriction of chemicals.
Scope:	233 substances of very high concern (SVHC) listed on the REACH candidate list.

Result: All 233 SVHC substances: not detected. The coating fully complies with the REACH regulation.

4. RoHS test · TÜV SÜD, report no. 721681100-1 (1 June 2023)

Regulation: RoHS Directive (Restriction of Hazardous Substances), the European directive restricting hazardous substances in electronic and electrical products and materials.

Substances tested: Heavy metals: cadmium (Cd), lead (Pb), mercury (Hg), chromium(VI) (Cr(VI)). Flame retardants: PBBs and PBDEs. Plasticisers (phthalates): DBP, BBP, DEHP, DIBP.

Results: Cadmium (Cd): <10 mg/kg (EU limit: 100 mg/kg) · Lead (Pb): <10 mg/kg (EU limit: 1,000 mg/kg) · Mercury (Hg): <10 mg/kg (EU limit: 1,000 mg/kg) · Chromium(VI): <10 mg/kg (EU limit: 1,000 mg/kg) · PBBs & PBDEs: <5 mg/kg · Plasticisers: <0.005%

Conclusion: All measured values are far below the permitted EU limits. The coating is free of harmful heavy metals and hazardous plasticisers.



Baked with confidence

We believe good bread starts with peace of mind: knowing that everything you and your family eat is prepared on a clean, safe surface. No hidden substances, no compromises.

The results in this document were established by Intertek and TÜV SÜD and are available on request as complete official test reports. Because transparency is not a marketing term to us, it is a promise.

Official test reports available on request · fornello.eu