INTRODUCING **BEST IN CLASS**
WHEAT LIGNIN CUTLERY

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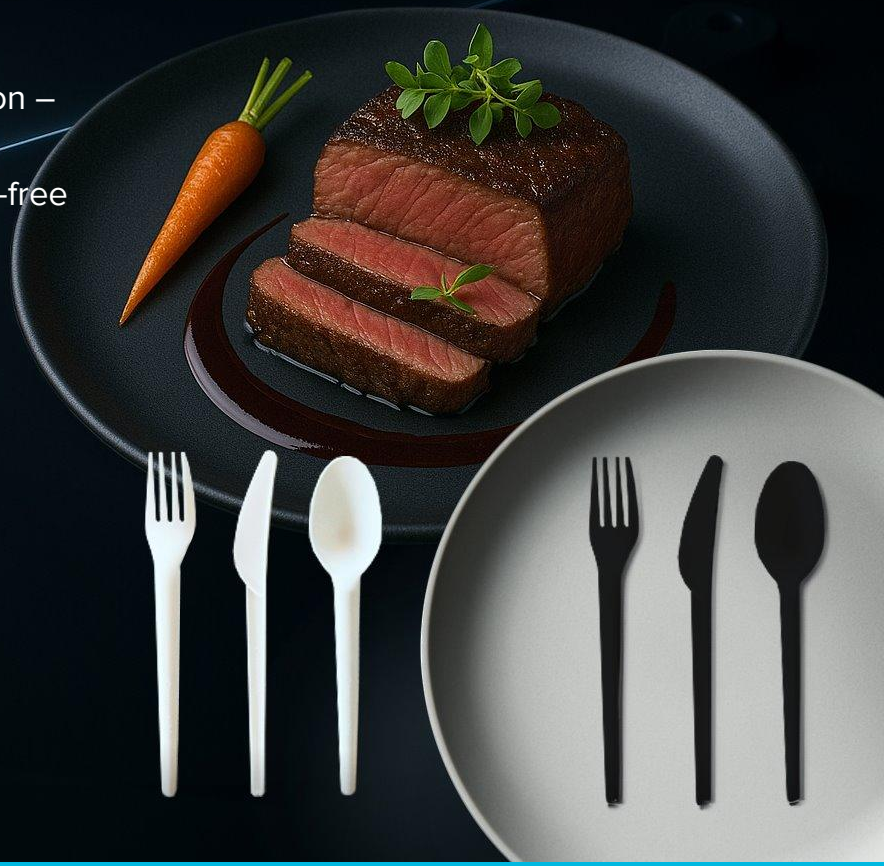
Blulabs introduces our most advanced sustainable cutlery option – **wheat lignin. Wheat lignin** cutlery is produced from 100% bio-cellulose - combining strength, comfort, and verified plastic-free certification. It's the future of onboard sustainability.



Pros

- Best overall performance
- 100% Plastic-Free, wheat ligning cutlery is the only SUPD non-wood, non-paper cutlery in the market.
- Comfortable, sharp, heat-stable
- Premium look, touch, and great "mouth-feel"
- Manufactured in the Mexico, Colombia and the EU

WHEAT LIGNIN CUTLERY is 100% plant-based

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Below are all verified claims for the cutlery:

- **Home** and **Commercially** Compostable
- **100% Biodegradable** with 90% of material break-down into particles <2 mm within 12 weeks
- **Recyclable**
- **Flustix-Certified Plastic-Free**
- **Made from residual waste** streams of wheat and rice
- **No Microplastics** in Compost
- Made from **Agricultural Byproducts**
- Made from **100% Natural Materials** (100% plant-based)
- **Composts** to Enrich Soil
- Sustainable **Alternative to Plastic Cutlery**
- **Third-Party Tested** for Compostability



Common Materials vs Wheat Lignin

Comparing Standard Plastic to Bamboo and Wheat Lignin

Criteria	PP (Polypropylene)	Bamboo	Wheat Lignin
Load-Bearing Durability	Holds weight decently but starts to sag	Sturdy, slight sway	✅ Excellent strength, no sag
Structural Integrity	Bends easily across all utensils	Very strong, minimal bend	✅ Strong with flexible stability
Food Collection	Easy to use, small portions	Requires more effort, good hold	✅ Sharp prongs, high capacity and control
Cutting Performance	Usable but flimsy	Works but not as sharp	✅ Cleanest cuts, best knife control
Heat/Liquid Resistance	Performs adequately	Minimal impact	✅ No softening, retains form and function
Ergonomic Comfort	Flimsy but smooth	Sturdy but potentially uncomfortable width	✅ Comfortable grip, soft edges, sturdy feel

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ENVIRONMENTAL **SUSTAINABILITY**

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Wheat Ligning is the **Ideal Airline and Retail Cutlery**

- SUPD Compliant ✅
- High Performing ✅
- Competitively Priced Compared to other Sustainable Cutlery ✅
- Not produced in China ✅

Global Certificates Earned

Flustix Plastic-Free Certified

Commercially Compostable Certified

Home Compostable Certified

Certified Recyclable

No Intentional PFAS Added

No Dead Turtle Logo Needed

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Material Comparison

Comparing Cutlery Solutions

Attribute	PP / Plastic	Agave and CPLA	Bamboo	Rice Husk	Wheat Lignin (Flustix-Certified)
Cost	Low	High	Low-Moderate	High	✅ Moderate
Durability	High	High	High	High	✅ High
User Comfort	High	High	Moderate	High	✅ High
Compostability	None	Industrial	Home & Industrial	Industrial	✅ Home & Industrial
Sustainability	Low	Medium	Very High	High	✅ Very High

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