

THE SCIENCE BEHIND THE BINDERS

- Amphoteric (gives or receives an electron/proton)
- Available energy for chemical reactions
- Balances minerals (including copper, iron, etc.)
- Contains polyelectrolytes and polyanions
- Digestive tract benefits
- Travels systemically through the body
- Increases cellular energy
- Increases nutrient/vitamin retention, absorption, and utilization
- Provides C, H, and O (building blocks to the body)
- Repairs tissues and cellular processes
- Selective binder
- Transmutates elements
- True chelator
- Upregulates cellular respiration



KEY  = Our recommended product(s) Each "✓" means more effective

HELPS BIND	BioToxin Binder	Carboxy	ViRadChem Binder	HM-ET Binder	CT-Minerals
Ammonia (from parasites, Lyme, coinfections, high protein diet)	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	✓
Bacteria byproducts	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	✓ ✓
Candida and fungal byproducts	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓	✓	✓ ✓
Environmental and industrial toxins	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓ ✓
Mycotoxin binding	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓	✓	✓ ✓
Parabens	✓ ✓ ✓	✓ ✓ ✓	✓	✓	✓
Parasite byproducts	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	✓
Pesticides and herbicides (including glyphosate)	✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓
Phthalates	✓ ✓ ✓	✓ ✓	✓		✓
Radioactive elements: binds and/or stabilizes isotopes (cesium, radium, uranium, etc.)	✓ ✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓
Sulfur metabolism	✓ ✓ ✓ ✓	✓	✓ ✓	✓	✓ ✓ ✓
Toxic heavy metals (arsenic, cadmium, lead, mercury, etc.)	✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓
Viruses: binds toxins, preventing viral replication	✓ ✓ ✓ ✓	✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Viruses: denatures envelope proteins through electron/proton donation or acceptance	✓ ✓	✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Volatile organic compounds	✓ ✓	✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓



CARBON VS CHARCOAL COMPARISON CHART

ENERGY	Carbon Technology	Activated Charcoal
Available energy for chemical reactions	High (unspent)	Low (spent)
Contains polyelectrolytes and polyanions?	Yes	No
pH	Low	High
Carbon chain sizes	Small, medium, large	Large only
Travels systemically through the body?	Yes	No
Increases cellular energy?	Yes	Little to none

CARBON ALLOCATION	Carbon Technology	Activated Charcoal
Donates C, H, and O?	Yes	Little to none
Amphoteric (gives or receives an electron or proton)?	Yes	No
Hydrophilic and hydrophobic?	Yes	No
Repairs tissues and cellular processes?	Yes	No
Upregulates cellular respiration?	Yes	Little to none
Increases nutrient/vitamin retention, absorption, and utilization?	Yes	No
Can transmutate elements?	Yes	No
Balances minerals?	Yes	No
Increases absorption of iron 2+?	Yes	No
Increase in positive gene expression?	Yes	No
Increases transcription levels?	Yes	No
Alters metabolic profiles (carbohydrate energy, molecular signaling, and metabolites)?	Yes	No
Increases monounsaturated fatty acids?	Yes	No

BINDING CAPABILITIES	Carbon Technology	Activated Charcoal
Effective when taken with food?	Yes	No
Binding capabilities?	Many	Few
Selective binder?	Yes	No
Binds nutrients and other supplements?	No	Yes

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease.

Please consult your healthcare professional before use if you are pregnant, breastfeeding, or considering use for a child. For more information please contact support@cellcorebiosciences.com or visit us at www.CellCore.com.

For more information or to place your order,
visit CellCore.com