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## **Disclosure statement**

Speaker: Josef A. Brinckmann:

- Employee of a California herbal product company Traditional Medicinals, Inc.
- President of the American Botanical Council (ABC) Board of Trustees and Advisory Group member of ABC's Sustainable Herbs Program (SHP).
- Elected member of the United States Pharmacopeia (USP) Botanical Dietary Supplements and Herbal Medicines Expert Committee.
- Member of the American Herbal Pharmacopoeia (AHP) advisors on commercial sources & handling.
- Member of the American Herbal Products Association (AHPA) Sustainability Committee.
- Member of the Medicinal Plant Specialist Group (MPSG) of the International Union for Conservation of Nature (IUCN) Species Survival Commission.
- Former member of the FairWild Foundation (FWF) Board of Trustees, a standards setting organization for sustainable wild collection of medicinal & aromatic plants.

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Implementing quality and sustainability standards can be part of a solution towards reliable access to quality herbal materials and supply chain visibility			
Certain standards may be implemented at different stages of the value chain and audited for verification. Different standards are relevant for different species, methods of harvest, and the specific regions of production. Each standard provides one piece of a puzzle. One size doesn't fit all.			
Quality assurance	Environmental	Economic & Social	Responsible biz
Good Agricultural and Collection Practices (GACP) for medicinal plants	Farms: NOP Organic, Regenerative Organic, or Demeter Biodynamic	Fair for Life Certification Programme for Fair trade and Responsible Supply Chains	Certified B Corporation; California Green Business Certification
Good Manufacturing Practices (GMP)	Wild: NOP Organic wild- crop harvesting practice standard and & FWF FairWild Standard	FWF FairWild Standard	California Benefit Corporation
Pharmacopoeial quality specifications (USP and PhEur)	EC regulation concerning the traceability and labelling of GMOs; Non-GMO Project Verification;	FLO Fairtrade Standards for Herbs and Herbal Teas; FTUSA Agricultural Production Standard	California Transparency in Supply Chains Act
	Wildlife Friendly practice standards (WWF Panda friendly; WFEN Elephant friendly)	UEBT Ethical BioTrade Standard	CBD Nagoya Protocol on Access to Genetic Resources, Fair & Equitable Sharing of Benefits

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A brand's commitment to support the implementation of credible VSS's in its value chain enables long-term equitable and collaborative trade relationships – which improves access to botanical materials and supply chain visibility.

Relationship-based procurement (partnership model) builds trust and reliability over time, helps to avoid shortages and out-of-specification quality rejections, enables troubleshooting when problems arise, and mitigates sudden post-marketing changes or gaps in the production scenario.





