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 Relatively high cost of standoff instrumentation (compared to non- laser-based explosive detectors) offset by potential for universal hazardous material identification (CBRNE) 							
		CBE Model Identification					
	Test Sample	Explosive	Nerve agent sim.	Anthrax surrogate	lubricant oil	coffee/cocoa	fertilizer
	Composition-B	100%	0%	0%	0%	0%	0%
	TEP	0%	100%	0%	0%	0%	0%
	BG (AI)	0%	0%	100%	0%	0%	0%
	diesel fuel	0%	0%	0%	92%	0%	0%
	fertilizer (aq)	0%	0%	2%	0%	8%	90%
	tea	0%	0%	0%	0%	88%	80%
 not limited to specific classes of explosives (military-grade, HMEs, etc.) can also identify otherwise innocuous materials that might indicate the presence of a hidden explosive device (e.g. painted foam rock) Commercially available, ruggedized hardware needed more rugged solid-state lasers and compact, sensitive spectrometers under development 							







