The CanDer Journey™

The Cannabinoid Derivative Guide

Processing Solutions by GIBRALTAR | apeks supercritical | DELTA SEPARATIONS

	PREPARATION	EXTRACTION	REFINEMENT		
		STAGE 1	STAGE 2	STAGE 3	STAGE 4

PROCESSING STEPS	• Sorting
	• De-stemming
	• Drying
	• Curing
	• Partical Size Reduction
	• Decarboxylation
		• Solvent technologies
		  • CO_2
		  • Ethanol
		  • Hydrocarbons
		• Non-Solvent Mechanical Separation Technologies
		  • Water Based
		  • Other Non-Solvent Mechanical Processes
			• Winterization
			• Filtration
			• Solvent Evaporation
			• Vacuum Oven Treatment *(for Hydrocarbons)*
			• Crystallization
				• Decarboxylation
				• Distillation
				• Remediation (E.g. Pesticides, Mold, THC)
				• Recombination of Derivatives
					• Crystallization
					• Separation
					• Recombination of Derivatives

CANNABIS / HEMP PROCESSING OUTPUT / DERIVATIVES		Primary Derivatives	Secondary Derivatives	Tertiary Derivatives	Separated & Recombined Derivatives
	Trim Flower *Can be sold separately* Prepared Biomass	Terpenes Crude Oil Resin/Live Resin Rosin/Live Rosin Hash Ice Water Dry Sift	Refined Oil Winterized Polished *(Full/Broad Spectrum Extracts)* Dabbable Concentrates Non-Crystallized • *Shatter* • *Budder Wax* • *Crumble, etc.* Crystallized • *Sugar* • *Diamond* • *Sauce, etc.*	Distillate Recombined Derivatives Terpenes + Winterized/ Polished Terpenes + Distillate *(Full/Broad Spectrum Extracts)*	Isolate Acidic • *THCA* [4] Non-Acidic • *CBD* • *CBC* • *CBG* • *CBN, etc.* Recombined Derivatives Terpenes + Isolate *(Terpsolate)*
TOTAL CONCENTRATION	1-25%	10-60%	40-75%	70-95%	95-99%

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