



UNDERSTANDING RESIDUAL SOLVENT LEVELS

Residual Solvents are organic volatile chemicals that are used or produced when manufacturing cannabis products. Below lists the common Residual Solvents tested at Desert Valley Testing (DVT).

Residual Solvent Action Levels

Compound (PPM)	Inhaled Action Levels	All Other Matrix Action Levels
2-Propanol	-	5000
Acetone	750	5000
Acetonitrile	60	410
Benzene	1	2
Butane	800	5000
Chloroform	2	60
Ethanol	1000	5000
Heptane	500	5000
Hexane	50	290
Pentane	750	5000
Propane	2100	5000
Toluene	150	890
Xylenes	150	2170

Please note Arizona does not require state-mandated testing for cannabis products. These limits provided above are requirements mandated by the State of California and in accordance with the Oregon Health Authority, to be used ONLY as reference or guidance and NOT information DVT mandates or suggests. The purpose of testing for these solvents and common solvent contaminants is to ensure that these compounds, if present, do not exceed levels that would be expected to harm cannabis users' health.

REFERENCES

Bureau of Marijuana Control, State of California. (n.d.). Laws and Regulations. Retrieved September 30, 2019, from https://bcc.ca.gov/law_regs/mcrsa_lab_ptor.pdf

Farrer, D. G., PH.D. (n.d.). Technical Report: Oregon Health Authority's Process to Determine Which Types of Contaminants to Test for in Cannabis Products, and Levels for Action. Retrieved September 30, 2019, from <https://www.oregon.gov/oha/ph/preventionwellness/marijuana/documents/oha-8964-technical-report-marijuana-contaminant-testing.pdf>