



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
Bureau of Health Care Safety and Quality
Medical Use of Marijuana Program
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Circular Letter: **DHCQ 16-11-663**

TO: Registered Marijuana Dispensaries

FROM: Eric J. Sheehan, J.D., Bureau Director, BHCSQ

SUBJECT: Amendment to the Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries document

DATE: November 23, 2016

The Medical Use of Marijuana Program (Program) has amended the document "*Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries*" to reflect the addition of the hydrocarbon gases propane, butane and iso-butane to the list of approved solvents in Exhibit 7. Analysis Requirements for Residual Solvents in Cannabis Oil.

Solvent*	Upper Limit (mg/kg)
Butane	12

*The ingredients must be of purity suitable for use in food intended for human consumption. At a minimum, the solvent (gas) must be high-purity (>99%) of propane (CAS 74-98-6), n-butane (CAS 106-97-8), or iso-butane (CAS 75-28-5), or any blend of these three hydrocarbons that does not exceed the upper limit.

The Program may be contacted at RMDcompliance@state.ma.us for questions or comments.