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Xenon Xe 133

Xenon, isotope of mass 133.

Xenon, isotope of mass 133

CAS RN[®]: 14932-42-4; UNII: X3P9A5HNYF.

» Xenon Xe 133 is a gas suitable for inhalation in diagnostic studies. Xenon 133 is a radioactive nuclide that may be prepared from the fission of uranium 235. It contains not less than 85.0 percent and not more than 115.0 percent of the labeled amount of ¹³³Xe at the date and time indicated in the labeling.

Packaging and storage—Preserve in single-dose or in multiple-dose vials having leak-proof stoppers, at room temperature.

Other requirements—It meets the requirements for *Labeling*, except for the information specified for *Labeling* under *Injections*; for *Radionuclide identification*; and for *Radionuclidic purity* and [Assay for radioactivity](#) under [Xenon Xe 133 Injection](#), except to determine the radioactivity in MBq (mCi) per container.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
XENON XE 133	Documentary Standards Support	SM42020 Small Molecules 4
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM42020 Small Molecules 4

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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