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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  $^{133}\text{Xe}$  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 *Radionuclcidic 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	<a href="#">Documentary Standards Support</a>	SM42020 Small Molecules 4
REFERENCE STANDARD SUPPORT	RS Technical Services <a href="mailto:RSTECH@usp.org">RSTECH@usp.org</a>	SM42020 Small Molecules 4

**Chromatographic Database Information:** [Chromatographic Database](#)

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

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