



CERTIFICATE OF ANALYSIS

MediLumine Inc.

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| Product: | Alpha-Tocopheryl 2,3,5-Triiodobenzoate (modified vitamin E) based nanoemulsion for in vivo microCT imaging. | 5795 Av. De Gaspé, Suite #228 Montreal, QC, Canada H2S 2X3 |
| Trade Name(s): | Fenestra™ HDVC | Phone: +1 514 929-9744 |
| SKU Number: | HDVC-121 | Fax: +1 514 360-6014 |
| Lot number: | HDVC240824 | www.medilumine.com |
| Storage: | Store in fridge | |
| Appearance: | Transparent with white opacity and reddish hue under white light illumination due to the scattering of blue light. | |
| Particle size: | 44 nm | |
| Polydispersity index: | 0.090 | |
| Volume per vial: | 2.0 ml | |
| Manufacture date: | 25 - February - 2025 | |

Dosage

Fenestra HDVC can be administered at 10 to 20 ml per kg depending on the amount of contrast enhancement that is required for your application. The product can be administered via intraperitoneal (IP) or intra-vascular (IV) injection.

Preparing dose for injection

Remove the vial from the fridge at least 1 hour before injection to allow the product to come to room temperature.

First use an 18, 20 or 25 gauge needle for drawing product into syringe and then replace with 27 or 30 gauge needle for the IV injection. It is recommended to always draw a little more solution into the syringe than what is injected. The justification for this is that dead space air should never be pushed into the blood stream.

Tail Vein Injection

Take at least 30 seconds to perform the IV tail vein injection with Fenestra HDVC. MediLumine's Mvein™ restrainer (SKU# MV-001) can be used to help increase success rates of the tail vein injections. When the administration is finished, the injection site must be pressed firmly with a swab to prevent backflow of contrast material and/or blood.