

Pel-Freez®

Analysis Certificate

PRODUCT: Level 6 Modified Rabbit Plasma

CODE NO: 60016

LOT: 20336

STORAGE: -10 °C to -20 °C for 15 days from DOM; -70 °C or below for 12 months from DOM.

**DATE OF
MANUFACTURE:** July 22, 2014

**EU
REQUIREMENTS:** Product meets European Union requirements for production of technical blood products.

PROCEDURE: Rabbit blood was collected at USDA plant P-202 from New Zealand White rabbits (mixed gender, 8-12 weeks, US grown) that were found to be free of contagious diseases. Custom Rabbit Plasma was produced by mixing blood with custom anticoagulant solution according to Pel-Freez SMP 91162, chilled for 2 hours on wet ice and frozen at -70 °C. Adsorbed Rabbit Plasma was produced by mixing Custom Rabbit Plasma with barium sulfate, centrifuged, chilled and frozen at -70 °C in the same manner.

Custom Rabbit Plasma and Adsorbed Rabbit Plasma were thawed, mixed with 9.972 g/L HEPES hemisodium salt, and blended together in proportions to yield a INR value of 3.8.

After mixing thoroughly, the product was chilled for 2 hours on wet ice and frozen at -70 °C.

The QC Testing Data Table on page 2 of this certificate illustrates the final QC.

EC 1069/2009:

EU 142/2011: EU # AR-TEC-0007

APPEARANCE: Clear, amber fluid

Biologicals Division

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ASSAYS: INR obtained using [REDACTED] meter.
Test strips: code 0

QC Testing Data Table

Meter	Bulk	QC 1	QC 2	Average
UP0570781	3.8	3.9	3.9	3.9
UP0690781	3.8	3.8	3.9	3.9
UP1014649	3.8	3.9	3.9	3.9
UP0610760	3.9	3.7	3.8	3.8
UP0751548	3.8	3.8	4.0	3.9

Target INR: 3.8
INR Range: 3.6 to 3.9

QUALITY ASSURANCE

Quality Control Release Date: **July 24, 2014**



Sarah Graves
Quality Systems Technician

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSE