section 22

[redacted]

From: s22
To: s22
Cc: s22
Date: 24/03/2014 03:49 PM
Subject: FW: emails from the peptide distributor [SEC=IN-CONFIDENCE]

Dear s22

My name is s22 and I am the s22 at ASADA.

In April 2012 we were provided the below emails and attachments from TGA s22 I wanted to check with you whether there were any restrictions on how we can use this information?

Ideally, our legal section would like to use the emails and attachments in briefs of evidence that will go to ASADA's Anti-Doping Rule Violation Panel and they may also be presented at sporting tribunals if the matters progress to that stage.

Please give me a call on the numbers below if you have any questions.

Regards,

s22
Australian Sports Anti-Doping Authority
s22
W www.asada.gov.au
s22
PO Box 1744, Fyshwick, ACT, 2609
ASADA Hotline 13 000 ASADA (13 000 27232)

From: section 22
Sent: 11 April 2012 11:37 AM
To: section 22
Subject: Fw: emails from the peptide distributor [SEC=IN-CONFIDENCE]

Hi section 22 we have had the below information supplied to us as the person was unaware that the peptides were illegal and is now very upset. He wants to help us with any info. If you see the email chain the supplier of the peptides is section 22 I would take it that this is section 22 from your chart section 22 spoke of. se will be in contact with the informant and obtain the SMS messages. Regards Sasha

section 22 Regulatory Compliance Unit | Therapeutic Goods Administration
section 22
✉ PO Box 100, Woden ACT 2606

subsection 47E(d)

subsection 47E(d)

subsection 47E(d)

subsection 47E(d)

[redacted]

subsection 47E(d)

subsection 47E(d)

thymosin beta-4.pdf

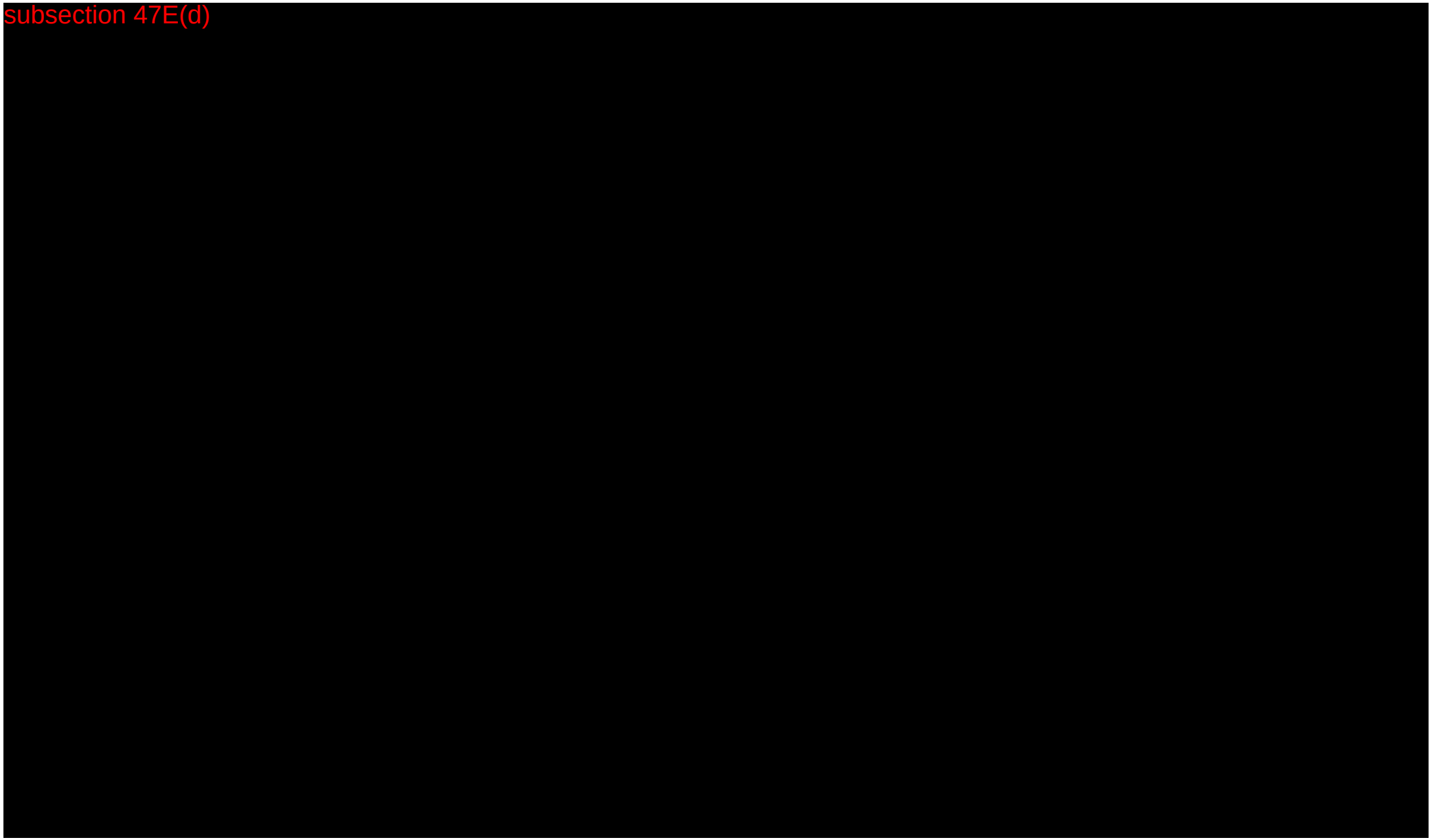
[redacted]

subsection 47E(d)

subsection 47E(d)

subsection 47E(d)

subsection 47E(d)


subsection 47E(d)

Thymosin is a family of naturally occurring peptides present in virtually all-human and animal cells, with Thymosin Beta 4 (Tß4) being the most bio-active peptide . It is also found in the product Humanofort, which is sequenced in the embryonic extract. It is protein peptide that diminishes with cell age, in which restoration of levels rejuvenates the cell to function back to an optimum level as seen in a young matured cell, preventing cell death.
It does not function as, nor is it related to any growth factor or hormone in the body.
It is a first class peptide candidate that promotes the following*:

WHAT THIS DOES:

1. Increases Red Blood Cells
2. Stops bleeding
3. Increase Endurance
4. Reduces Tie Up
5. Helps breathing
6. Reduces stomach acid which eliminates ulcers
7. Increases lean muscle mass
8. Helps repair tendons and ligaments

* Endothelial (blood vessels) cell differentiation (increases red blood cells)
* Angiogenesis (growth of new blood cells from pre-existing vessels) in dermal tissues
* Keratinocyte migration
* Collagen deposition; and
* Decreases inflammation.

It helps optimise and restore cell function therefore increasing cell signalling which in turn makes the body more efficient at producing the chemical actions it needs to sustain regeneration and energy needs.

One of Tß4 key mechanisms of action is its ability to regulate the cell-building protein, Actin, a vital component of cell structure and movement. Of the thousands of proteins present in cells, actin represents up to 10% of the total proteins which therefore plays a major role in the genetic makeup of the cell.

This potent peptide is a member of a ubiquitous family of 16 related molecules with a high conservation of sequence and localization in most tissues and circulating cells in the body. Tß4 not only binds to actin, but also blocks actin polymerization and is the actin-sequestering molecule in eukaryotic cells.

Tß4 was identified as a gene that was up-regulated four-to-six fold during early blood vessel formation and found to promote the growth of new blood cells from the existing vessels. This peptide is present in wound fluid and when administered, it promotes wound healing, muscle building and speeds up recovery time of muscles fibres and their cells. It also increases endurance and strength of muscle fibres making them function more efficiently, reducing lactic acid build up and fatigue, enabling the muscle to continually contract without becoming tired.

An additional key factor of Tß4 is that it promotes cell migration through a specific interaction with actin in the cell cytoskeleton. It has been demonstrated that a central small amino acid long-actin binding domain has both blood cell reproduction and wound healing characteristics. These characteristics are uncovered by accelerating the migration of endothelial cells and keratinocytes. It also increases the production of extracellular matrix-degrading enzymes.

Research confirms that Tß4 is a potent, naturally occurring wound repair factor with anti-inflammatory properties. Tß4 is different from other repair factors, such as growth factors, in that it promotes endothelial and keratinocyte migration. It also does not bind to the extracellular matrix and has a very low molecular weight meaning it can travel relatively long distances through tissues.

HOW TO USE: Give one 1ml vial subcutaneous each week for six consecutive weeks. There after use one 1ml injection per month. It's best to give injection 6 days before intense work.

PRICE: $1200.00 per 3ml vial