

6115/52.86
25 Schwarz / fchw

134865 imuno a

95413 immuno g+

134865 imuno a

teLex1391 86-02-05 11:20

attn: dr. schwarz

as requested by you, I have looked further into the phrases 'vapour heated' and 'steam treated'.

cooper and gunn's classical text book 'dispensing for pharmaceutical students' makes the following definitions:

1. moist heat

micro organisms can be exposed to moist heat by using not water, boiling water, steam at atmospheric pressure (steaming) or steam under pressure (autoclaving).

2. sensible heat

the heat required to raise the temperature of water from freezing to boiling point.

3. Latent heat

the additional heat needed to convert water at its boiling point to steam at the same temperature.

by inference, therefore, our inactivation processes cannot with scientific accuracy be called steam treated, as definition 3 has not been met.

one u.s. company, alpha, uses the phrase 'wet heat' and is currently enjoying virtually all the commercial factor viii business available.

in our view, we should use the official description:

moist heat treated

if you agree, we will change over immediately to this description and use the following titles for kryobulin.

1. kryobulin heat treated (as at present sold)
2. kryobulin moist heat treated method 2.
3. kryobulin moist heat treated method 3. (mannuci type material).

we look forward to hearing from you.

kind regards,

n. berry

134865 imuno a

95413 immuno g

cc: Dr. Harrison

Dr. Schoppmann