

Evaluation of Suppositories.

① Test of appearance $\Rightarrow$ When we cut suppos. Longitudinally & examine with the Naked eye, Then you see that ext. & Int. surface Uniform.

② Surface Appearance $\Rightarrow$
Absence of Pitting, Absence of Crack / Splitting.

③ Uniformity of Weight Test $\Rightarrow$ [DEPTH OF BIOLOGY]

20 suppos. are weighed & avg. Weight Calculated.

$\downarrow$
each suppos. is weighed & Noted. $\Rightarrow$ No suppos. should deviate from the avg. weight by more than 5%.

④ Melting Range Test $\Rightarrow$

[DEPTH OF BIOLOGY]

Also known as Macro melting Range Test.

- It is measure of time it takes for entire suppos. to melt when immersed in a constant temp. 37°C Water Bath.

In micro melting test $\rightarrow$ Melting range measure in Capillary Tubes for fat base only.

⑤ Test of Softening Time.

[DEPTH OF BIOLOGY]

⑥ Test of Dissolution Rate.