

The calculation for Preservative Content is as below:

Kindly be informed that Hosedyl DM Cough Linctus contains Syrup Simplex.

Syrup simplex does contain preservative as follow:

Ingredients	Quantity used for a batch of 1051.05kg of Syrup Simplex
Methyl Paraben	840.0g
Propyl Paraben	210.0g

The syrup simplex quantity used in Hosedyl DM Cough Linctus is **12168g**.

1. Content of Methyl Paraben

1051050 g of Syrup Simplex → 840.0g of Methyl Paraben

12168 g of Syrup Simplex → 9.725g of Methyl Paraben

Total content of Methyl Paraben (Content in Syrup Simplex + Content added in Product)

= 9.725g + 2.08g

= 11.805g

%w/v in Hosedyl Cough Linctus:

$11.805g/13000ml \times 100 = 0.091\%w/v$

2. Content of Propyl Paraben

1051050 g of Syrup Simplex → 210.0g of Methyl Paraben

12168 g of Syrup Simplex → 2.431g of Methyl Paraben

Total content of Methyl Paraben (Content in Syrup Simplex + Content added in Product)

= 2.431g + 1.04g

= 3.471g

%w/v in Hosedyl Cough Linctus:

$3.471g/13000ml \times 100 = 0.027\%w/v$