



SQ1 - DRYNESS VALUE TEST



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Site

JAMJOOM PHARMA

Date

Sunday, May 25, 2025

Location / Sterilizer

FEDEGARI Autoclave

Code

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TEST

Cycle No

1

2

3

Average

(M1) Total weight of flask pipes etc (kg)

0.594

0.595

0.595

(M2) Total weight of flask and 650ml of water (kg)

1.244

1.245

1.243

(M3) Total weight of flask + condensate (kg)

1.306

1.310

1.305

(T0) Initial temperature of water in flask (oC)

23.100

23.600

23.700

(T1) Final temperature of water and condensate (oC)

72.700

76.400

73.400

(Ts) Average temperature of steam delivered to sterilizer (°C)

139.600

138.800

139.100

(TS) Average temperature of steam delivered to sterilizer (oC)

2146.440

2148.840

2147.600

Calculated Dryness Value

0.97

0.99

0.97

0.98

Requirements of EN 285

≥ 0.95

Notes:

1. The dryness value is not less than 0.90 (if metal loads are processed, the dryness value should not be below 0.95).
2. Throughout the operating cycle, the temperature measured in the steam service pipe is within 3 °C of that measured during the superheat test.