



SQ1 - DRYNESS VALUE TEST



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Site

JAMJOOM PHARMA

Date Sunday, May 25, 2025

Location / Sterilizer

Water station WFI Tank

Code --

TEST				
Cycle No	1	2	3	Average
(M1) Total weight of flask pipes etc (kg)	0.594	0.595	0.594	
(M2) Total weight of flask and 650ml of water (kg)	1.242	1.237	1.232	
(M3) Total weight of flask + condensate (kg)	1.308	1.301	1.297	
(T0) Initial temperature of water in flask (oC)	19.100	20.400	21.600	
(T1) Final temperature of water and condensate (oC)	72.500	73.300	74.400	
(Ts) Average temperature of steam delivered to sterilizer (°C)	137.300	138.400	139.700	
(TS) Average temperature of steam delivered to sterilizer (oC)	2153.100	2150.080	2145.860	
Calculated Dryness Value	0.98	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.