



## SQ1 - DRYNESS VALUE TEST



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Site JAMJOOM PHARMA

Date Monday, May 26, 2025

Location / Sterilizer Gaulin Homogenizer

Code --

### TEST

Cycle No	1	2	3	Average
(M1) Total weight of flask pipes etc (kg)	0.595	0.595	0.595	
(M2) Total weight of flask and 650ml of water (kg)	1.248	1.235	1.248	
(M3) Total weight of flask + condensate (kg)	1.312	1.299	1.314	
(T0) Initial temperature of water in flask (oC)	20.700	19.900	20.600	
(T1) Final temperature of water and condensate (oC)	72.100	72.300	73.200	
(T <sub>s</sub> ) Average temperature of steam delivered to sterilizer (°C)	138.400	138.400	137.100	
(TS) Average temperature of steam delivered to sterilizer (oC)	2150.080	2150.080	2153.700	
Calculated Dryness Value	0.98	0.98	0.97	0.98

Requirements of EN 285  $\geq 0.95$

**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.