



## SQ1 - DRYNESS VALUE TEST



Name Techno Air Gate (TAG)  
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Site JAMJOOM PHARMA Date Monday, May 26, 2025  
Location / Sterilizer SIP Tank 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)	1.250	1.246	1.248	
(M3) Total weight of flask + condensate (kg)	1.317	1.307	1.314	
(T0) Initial temperature of water in flask (oC)	20.800	22.600	22.900	
(T1) Final temperature of water and condensate (oC)	74.100	71.100	74.500	
(T <sub>s</sub> ) Average temperature of steam delivered to sterilizer (°C)	128.000	138.400	138.900	
(T <sub>S</sub> ) Average temperature of steam delivered to sterilizer (oC)	2180.260	2150.080	2148.220	
Calculated Dryness Value	0.98	0.96	0.95	0.96

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.