METTLER TOLEDO

Certificate Ph. Eur. General Chapter 2.1.7 "Balances for Analytical Purposes"

Customer

Company:	Omega Pharma Manufact	curing		
Address:	1900 Polaris Pkwy			
City:	Columbus	Contact:	John Doe	
Zip/Postal:	43235	Order Number:	PO12345	
State/Province:	ОН			

Weighing Device

Mettler Toledo	Instrument Type:	Weighing Instrument
XPR205DR	Asset Number:	111111111
1234567890	Terminal Model:	N/A
GD	Terminal Serial No.:	N/A
4 th floor	Terminal Asset No.:	N/A
GD610	Alternate Asset No.:	EP98493211
	XPR205DR 1234567890 GD 4 th floor	XPR205DRAsset Number:1234567890Terminal Model:GDTerminal Serial No.:4th floorTerminal Asset No.:

Range	Max. Capacity	Readability (d)
1	81 g	0.00001 g
2	220 g	0.0001 g

Procedure

Reference Document: METTLER TOLEDO Work Instruction: Ph. Eur. General Chapter 2.1.7 Pharmacopeial Certificate WI 10000027820

This certificate contains measurements for the As Found and As Left tests.

The sensitivity of the weighing instrument was adjusted before the As Left tests.

As Found Test Date:	28-FEB-2021	Service Technician:	le Cous Di Fride
As Left Test Date:	28-FEB-2021		Klaus Fritsch
Issue Date:	28-FEB-2021		
Next Test Date:	28-FEB-2022		

Software Version: 5.0 Report Version: 1.0 Form Number: 123

Summary of Results

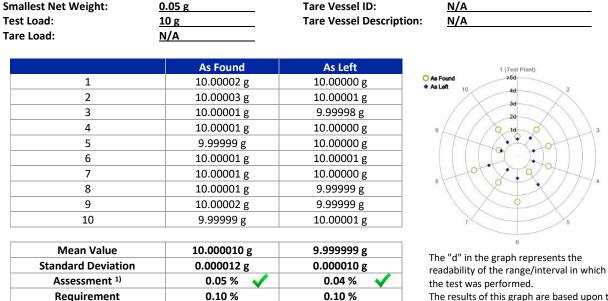
Repeatability			As Found	As Left
Test	Smallest Net Weight	Tare Load	Assessment	Assessment
RP_SNW_0.05g	0.05 g	N/A	 Image: A set of the set of the	 Image: A start of the start of
Accuracy			As Found	As Left
Sensitivity			 Image: A set of the set of the	 Image: A second s

Measurement Results

Repeatability

Repeatability Test RP_SNW_0.05g

Minimum Weight²⁾



The results of this graph are based upon the absolute values of the differences from the mean value.

 $^{1)}$ The repeatability test is passed if 2 * standard deviation / smallest net weight \leq 0.10 %. If the calculated standard deviation results in a value smaller than the rounding error of 0.41*d where d is the readability of the range/interval in which the test was performed, then the standard deviation is replaced by 0.41*d for the assessment.

0.01989 g

0.02494 g

 $^{2)}$ Minimum weight = 2000 * standard deviation. If the calculated standard deviation results in a value smaller than the rounding error of 0.41*d where d is the readability of the range/interval in which the test was performed, then the standard deviation is replaced by 0.41*d. In this case, minimum weight = 2000 * 0.41 * d.

All calculations are performed in the software to 16 decimal places, however the printed results are rounded according the following rules: The standard deviation is rounded mathematically to one digit further than the readability of the range/interval in which the test was performed. The minimum weight is rounded mathematically to three significant figures. For the repeatability assessment, the printed result of the formula (2*standard deviation / smallest net weight) or (2 * 0.41*d / smallest net weight, respectively) is rounded mathematically to the same readability as the repeatability requirement (0.10%), i.e. with two digits after the decimal when presented as a percentage.

Accuracy

Sensitivity

	As Found	As Left	
Test Load	200 g	200 g	
CMV	200.0001 g	200.0001 g	
Indication	199.9996 g	200.0002 g	
	*		
Deviation ¹⁾	- 0.0005 g 🛛 🗸	0.0001 g 🗸 🗸	
Requirement	0.1000 g	0.1000 g	

¹⁾ The sensitivity test is passed if the absolute value of the deviation ≤ 0.05 % of the test load value. The requirement for the assessment of sensitivity is 0.05 %. This ensures adherence to the overall accuracy requirement of 0.10 % because other balance properties might also limit the accuracy of the instrument.

Reference Weights

All weights used for metrological testing are traceable to national or international standards. The weights were calibrated and certified by an accredited calibration laboratory.

Weight Set 1: OIML E₂

Weight Set No.:	WS12345_E2	Date of Issue:	04-JAN-2021
Certificate Number:	34567890	Calibration Due Date:	03-JAN-2023

Remarks

N/A