

## GWP Verification Specimen for IND

The GWP® Verification service ensures that:

- You achieve consistent predictable product quality
- You save money by efficiently managing equipment
- You maintain complete audit-proof documentation

This service is available for all non-automatic weighing equipment independently from brand or make.

You have downloaded a set of specimen highlighting the features which help you safeguard full compliance with regulatory requirements.

Please contact your local METTLER TOLEDO office for GWP® Verification tailored to your processes.

Good Weighing Practice™



### GWP® Verification

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<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 30%;"><b>Customer No.</b></td><td>12-345.67</td></tr> <tr><td><b>Company</b></td><td>Advanced Cosmetics Ltd.</td></tr> <tr><td><b>Contact</b></td><td>John E. Sample</td></tr> <tr><td><b>Department / Position</b></td><td>QA / QC Manager</td></tr> <tr><td><b>Building</b></td><td>Main Production</td></tr> <tr><td><b>Street</b></td><td>Sample Street 11</td></tr> <tr><td><b>Zip Code / City</b></td><td>112233 / Sampleville</td></tr> <tr><td><b>State / Country</b></td><td>NY / USA</td></tr> <tr><td><b>Phone</b></td><td>+1 234 567 890</td></tr> </table>	<b>Customer No.</b>	12-345.67	<b>Company</b>	Advanced Cosmetics Ltd.	<b>Contact</b>	John E. Sample	<b>Department / Position</b>	QA / QC Manager	<b>Building</b>	Main Production	<b>Street</b>	Sample Street 11	<b>Zip Code / City</b>	112233 / Sampleville	<b>State / Country</b>	NY / USA	<b>Phone</b>	+1 234 567 890	<p style="text-align: right;"><b>Date:</b> Monday, 10. December 2012</p>
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Instrument Information	
<b>GWP® Verification No.</b>	MTLABTEC-213-20121210-V1
<b>Scale</b>	KOC 150g (HR)
<b>Manufacturer</b>	METTLER TOLEDO
<b>ID of scale</b>	234_JW
<b>Maximum capacity</b>	150 kg
<b>Readability (g)</b>	0.001 kg
<b>Built-in adjustment mechanism</b>	no
<b>Hazardous zone</b>	no
<b>Wet application (&gt; IP 65)</b>	yes



Requirements/Achievements	Value	Unit
<b>Weighting Accuracy</b>	1	%
<b>Maximum Weighing Load Required</b>	140	kg
<b>Minimum Weight Required</b>	200	g
<b>Minimum Weight Achieved</b>	80	g
<b>Safety Factor Required</b>	2	
<b>Safety Factor Achieved</b>	2.22	
<b>Minimum Weight Certificate</b>	234_GA	
<b>Standards and Regulations</b>	ISO (9001), 22000	
<b>Expansion Factor k</b>	2	



Instrument meets accuracy requirements.  
Instrument meets safety factor requirements.

Risk Assessment	
<b>Weighting Accuracy</b>	1%
<b>Impact of wrong Measurements on Business Process</b>	high
<b>Impact of wrong Measurements on Human, Animals and on the Environment</b>	medium
<b>Wrong Measurements can be discovered very easily</b>	no



Readability (display resolution) of a balance or scale often is mistaken for accuracy. As a matter of fact, readability is just one contributor to the measurement uncertainty, which is the scientific expression of an instrument's accuracy. To ensure accurate measuring, you must consider at least the following factors prior to the selection of a new balance or scale:

**GWP® Verification**

Customer No. 12-066-07  
Company Johnson Controls Ltd  
Contact John E. Gariga  
Department / Position US 120-Weighing  
Building Main Technology  
City State / Zip Dallas, TX 75203-3496  
Date / Country 09/1/2013  
Phone +1 214 967 8900 Date: Monday, 10 December 2012

**1**

**2**

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Remarks: 1) If country specific regulations apply, they have to be considered.  
2) Various weighing operations can contribute to the measurement uncertainty of a weighing result. While significant in the normal uncertainty budget after weighing, small but significant, procedures such as repeatedly taring or greater influence with larger test weights. With the knowledge of the readability, test cell weight, and so on, it is possible to adjust the readability in order to meet a security margin according to the other influences on the total (combined) test cell weight.  
3) For supplementary data transfer, the influence of the other parameters on readability for small test weights, plus a security margin is not necessary for the control and control limit - weighing process - and readability.  
4) In a fully loaded cell, it is possible that the varying levels of the appropriate parameters are calculated for the combined test cell for the readability.

Disclaimer: All GWP® verification recommendations are for information purposes only. They are subject to our GWP® verification disclaimer which has been provided to you on the GWP® verification Summary Report.

Checked Date: Monday, 10 December 2012  
Checked by: [Name]  
Software version: 8.0.0 (Release 9.0.0) - 9/1/2013

www.mt.com/GWP

Quality certificate  
Development, production and testing under ISO 9001  
Environmental management system according to ISO 14001

CE "Measurement Equipment"  
This mark indicates that our products comply with the strict guidelines.

- 1 Customer information
- 2 Instrument information
- 3 Weighing requirements and achievements:  
Color codes pinpoint accuracy and safety factor
- 4 Risk assessment
- 5 Recommended performance verification activities and frequencies
- 6 Appropriate test weights and weight classes
- 7 Warning and control limits that ensure quality of weighing processes
- 8 Detailed explanations and remarks

[www.mt.com](http://www.mt.com)

For more information



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**GWP®**  
Good Weighing Practice™

GWP® is the only science-based global standard for efficient lifecycle management of weighing systems, applicable to all kinds of weighing systems of any manufacturer. It helps you to

- choose the right balance or scale
- calibrate and operate your weighing equipment with security
- comply with current quality, compliance, laboratory and manufacturing standards

[www.mt.com/GWP](http://www.mt.com/GWP)