

# GWP Recommendation

## Exempel för IND

Med GWP® Recommendation:

- köper du bara utrustning med rätt precision för att uppfylla dina process- och kvalitetskrav
- tar du hänsyn till faktorer som miljö- och myndighetskrav innan valet

GWP® Recommendation är tillgängligt gratis och globalt och för alla METTLER TOLEDO-vågar.

Du har hämtat ett exempel som belyser det vetenskapliga valet av en våg utifrån dina processkrav.

GWP® Recommendation ger dokumenterade bevis på att det valda instrumentet uppfyller metrologiska, miljö- och myndighetskrav.

Good Weighing Practice™



### GWP® Recommendation

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<b>Customer No.</b>	12-34543
<b>Company</b>	BabyFood & Co
<b>Contact</b>	Mr. John E. Sample
<b>Department / Position</b>	Production / Manager
<b>Building</b>	PROD-2
<b>Street</b>	Sample Street 11
<b>Zip Code / City</b>	112233 / Sampleville
<b>State / Country</b>	NY / USA
<b>Phone</b>	+1 123 456 789

**Date:** Monday, 10. December 2012

Recommended Instrument		
<b>Scale</b>	KCC 150/s (HR)	
<b>Manufacturer</b>	METTLER TOLEDO	
<b>Maximum capacity</b>	150	kg
<b>Readability (d)</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/Typical Value	Value	Unit
<b>Weighing Accuracy</b>	1	%
<b>Maximum Weighing Load Required</b>	140	kg
<b>Minimum Weight Required</b>	200	g
<b>Minimum Weight Typical</b>	0.1 <sup>1)</sup>	kg
<b>Safety Factor Required</b>	2	
<b>Safety Factor according to Typical Minimum Weight</b>	2	
<b>Standards and Regulations</b>	GFSI (IFS, BRC, SQF), ISO (9001, 22000, ...)	
<b>Expansion Factor k</b>	2	

METTLER TOLEDO recommends GWP® Verification to determine the actual minimum weight of this instrument on site. Furthermore, GWP® Verification provides all necessary information on testing procedures, frequencies and weights to maintain reliable weighing accuracy throughout the lifecycle of the instrument.

The GWP® Verification document can be issued for all models and suppliers of scales and scales. Through its risk-based approach it provides optimal performance verification activities at lowest costs.

Ask METTLER TOLEDO for an assessment of your installed base of weighing equipment to reduce costs and risks. Plus, receive complete audit-compliant documentation at one glance. [www.mt.com/GWP](http://www.mt.com/GWP).



En vågs avläsbarhet (skärmpulösning) misstas ofta för precision. I själva verket är avläsbarheten bara en bidragande orsak till mätosäkerheten, som är det vetenskapliga uttrycket för ett instruments precision. För att säkerställa exakt mätning måste du ta hänsyn till åtminstone följande faktorer innan du väljer en ny våg:

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### GWP® Recommendation

**Customer No.** 12-94543  
**Company** BabyFood & Co  
**Contact** Mr. John E. Sample  
**Department / Position** Production / Manager  
**Building** PROD-2  
**Street** Sample Street 11  
**Zip Code / City** 11203 / Commerville  
**State / Country** NY / USA  
**Phone** +1 123 456 789  
**Date:** Monday, 10 December 2012

**1**

#### Recommended Instrument

Scale	N20 150g (HR)
Manufacturer	METTLER TOLEDO
Maximum capacity	150 kg
Readability (g)	0.001 kg
Built-in adjustment mechanism	no
Recursive zero	no
Wet application (> IP 65)	yes

**2**

Requirements/Typical Value	Value	Unit
Weighing Accuracy	1	%
Maximum Weighing Load Required	140	kg
Minimum Weight Required	200	g
Minimum Weight Typical	0.11	kg
Safety Factor Required	2	
Safety Factor according to Typical Minimum Weight	2	
Standards and Regulations	EN 877 (FIS, BRC, SQE), ISO 9001, ISO 13485, ...	
Expiration Factor k	2	

**3**

METTLER TOLEDO recommends GWP® Verification to determine the actual minimum weight of this instrument on site. Furthermore, GWP® Verification provides all necessary information on testing procedures, frequencies and weights to maintain reliable weighing accuracy throughout the lifecycle of the instrument.

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**METTLER TOLEDO**

- 1 Kundinformation
- 2 Instrumentinformation
- 3 Vägningsskrav och prestationer:  
Färgkoder anger precisions- och säkerhetsfaktor

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#### Recommended Services

**Installation, qualification and training**  
IPQC/Startr Pac

**Service contract**  
Full Service Package

Weight 1	50 kg	Class	M3 or better
Weight 2	5 kg	Class	M3 or better

For correct handling of weights we recommend the use of appropriate accessories.

**4**

**Remarks:**

1) The minimum weight achievable depends on the settings of the scale, the force weight as well as the scale's environment. The minimum weight of your instrument in situ can therefore be smaller or larger than the typical value given in the Operating Instructions. For which METTLER TOLEDO takes no responsibility. A precise determination of the minimum weight on site is documented in the Minimum Weight Certificate from METTLER TOLEDO.

**Disclaimer:** "These general recommendations are for information purposes only and are not binding in any way. To reach utmost weighing accuracy, one to follow an optimal use of the weighing instruments. It is necessary to conduct calibration and test procedures in a regular and timely manner. This document is offered as a recommendation to improve weighing accuracy and to optimize the use of the weighing instruments. Use scales on specially altered instruments like old process vehicles. Certain factors, which might also have an influence, like installation location, history of the instrument, experience of laboratory staff, safety management system of use etc., have not been taken into account. Therefore the information given to be considered as recommendations. Depending on the circumstances the use of modified other measures might be appropriate. The final responsibility for the test procedures is with the user of the equipment. This recommendation does not extend our warranty in any way."

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**Software version:** 3.0, Tables V 3.07, Tests V 3.85

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

For Best Application

**Quality certificate**  
Documented, production and setting of the GWP® Verification instrument and regional calibration according to ISO 17025

**CE "Conformité Européenne"**  
This mark indicates that this product complies with the relevant standards.

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- 4 Lämpliga testvikter och viktklasser
- 5 Ingående förklaringar och anmärkningar

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

För mer information



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MCG MarCom Greifensee

**GWP®**  
Good Weighing Practice™

GWP® är den enda vetenskapligt baserade globala standarden för effektiv livscykelhantering av vägningssystem, för alla typer av vägningssystem, oavsett tillverkare. Den hjälper dig att

- välja rätt våg
- kalibrera och använda din vägningssystem i säkerhet
- följa gällande kvalitets-, efterlevnads-, laboratorie- och tillverkningsstandarder

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