



OIML/APLMF Training Course on Prepackaged Goods

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**Prepackaged Goods
Nanning, China
10-13 April 2018**

OIML RECOMMENDATION R87

Quantity of product in prepackages

OIML R87

- Edition 2016 (E)
- Developed by Project Group 3 of the Technical Committee 6
- Supersedes previous Edition 2004

INTERNATIONAL RECOMMENDATION	OIML R 87 Edition 2016 (E)
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Quantity of product in prepackages	
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Quantité de produit dans les préemballages	
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OIML R 87 Edition 2016 (E)	 ORGANISATION INTERNATIONALE DE MÉTROLOGIE LÉGALE INTERNATIONAL ORGANIZATION OF LEGAL METROLOGY

Content of R 87

- Foreword
- 1 Scope
- 2 Terminology
- 3 Metrological requirements for prepackages
- 4 Reference test for metrological requirements

Informative Annexes

- Annex A - an examination procedure outline where sampling is used;
- Annex B - procedures for determining average tare mass;
- Annex C - procedures for determining the drained quantity of products in liquid medium;
- Annex D - procedures for determining the actual quantity of frozen products;
- Annex E - requirements for prohibition of misleading prepackages;

Informative Annexes

- Annex F - basis for statistical sampling model used;
- Annex G - a schematic representation to explain the application of T1 and T2 errors;
- Annex H - an alternative sampling plan using a stepwise approach;
- Annex I - detailed sampling plans; and
- Annex J - references to documents mentioned.

Scope

This Recommendation specifies:

- Legal metrology requirements for **prepackaged products** (also called prepackaged commodities or prepackaged goods) labelled in **predetermined constant nominal quantities** of mass, volume, linear measure, area, or count, and
- Sampling plans and procedures for use by **legal metrology officials** (LMO) in **verifying the quantity** of product in prepackages



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Purpose of R87

Harmonisation of international trade

- Application of an internationally consistent method of determining the actual quantity of prepackages
- Level playing field for trade
- Confident consumers



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Topics of Day 2 & 3

- Terminology; definitions, acronyms and symbols
- Metrological requirements for prepackages; “three packers rules”
- Sampling methods
- Tare procedures
- Test equipment and traceability



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Topics of Day 2 & 3

- Density measurement
- Completing a reference test
- Group exercises
- Preparation for a site visit
- Advising packers and enforcement