

## "ISO 8124-3:2020 - Safety of Toys — Part 3: Migration of Certain Elements" is Published

In March 2020, ISO 8124-3:2020 -- the latest toy safety standard for the "migration of certain elements" was formally published by the International Organization for Standardization (ISO).

This third edition cancels and replaces the second edition (ISO 8124-3:2010), which has been technically revised. It also incorporates the Amendments ISO 8124-3:2010/Amd.1:2014 and ISO 8124-3:2010/Amd.2:2018.

### Changes:

The main changes to the previous edition are as follows:

Changes	Remarks
Two detailed dewaxing methods have been introduced to replace the original one	Two alternative dewaxing methods are described in 9.7.1.2 and 9.7.1.3 as Method A and Method B. Laboratories can select the most suitable dewaxing method at their discretion. Other methods may also be used but shall be validated to show that they are capable of completely removing non-polar ingredients from relevant toy materials.
An ICP-OES method for determination of the elements is given in Annex C as informative content	The final extract is analysed for the presence of elements by ICP-OES, inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectrometry (AAS) or other suitable techniques. A method for analysis of elements using ICP-OES is given in Annex C for reference.
Specific definitions for paper and paperboard	<p><b>Paper:</b> sheet formed by irregularly intervened cellulose fibres with a mass per unit area of 400 g/m<sup>2</sup> or less.</p> <p><b>Paperboard:</b> sheet formed by irregularly intervened cellulose fibres with a mass per unit area over 400 g/m<sup>2</sup>, excluding pressed wooden fibreboards such as medium density fibreboard (MDF), chipboard and materials with similar properties.</p>

### References:

<https://www.iso.org/standard/72600.html>

<https://www.iso.org/obp/ui/#iso:std:iso:8124:-3:ed-3:v1:en>

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