

## Detectable Calculator

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### Declaration of Compliance Statement - 202 - Calculators

#### Applicable Products:

Product Code	Product Description
202C-P01	Fully Detectable Handheld Calculator & Safety Chain Blue
202F-P01	Fully Detectable Desktop Calculator Blue

#### EU COMMISSION

- European Food 2202/72 EC and EN1935:2004 –Materials and Articles Intended to Come into Contact with Food, and all subsequent amendments (and their transposition into National Law). Regulation 10/2011 The handle can be marked with the “glass & fork” symbol on the packaging or by labelling.
- Overall migration test is made on the same or similar product. The product meets the requirements regarding overall migration to 50% ethanol, 3% acetic acid and olive oil. Food Contact No Limitation

#### The above is manufactured using pigments which are in accordance with: -

- European Resolution AP (89) 1
- Recommendation IX of the BfR for colouring plastics
- EN71-3 Toy regulation
- EU regulation EU No 2019/1381 amending Regulation EU No 1935/2004
- Is based on a polymer carrier that is compliant with: -
- EU regulation EU No 2020/1245 amending and correcting Regulation (EU) No 10/2011
- EU regulation EU No 2019/1381 amending Regulation EU No 1935/2004
- Has been produced according to Regulation 2023/2006/EC on good manufacturing practice for materials and articles intended to come into contact with food, applicable to plastic raw materials.

This compliance statement is based on information supplied by the polymer and pigment manufacturers, migration testing according to Regulation 10/2011, migration modelling and quality control systems in place at Detectamet.

REACH - No substances of very high concern (SVHC) above the 0.1% weight (w/w) threshold limit are present in the materials.

- We confirm that the above-mentioned products are suitable for use in contact with all food types and are in conformity with the applicable requirements of the following regulations and standards:
- Regulation (EC) no.1935/2004 on Materials and Articles intended to come into contact with food.
- Commission Regulation (EU) No.10/2011 on Plastic materials intended to come into contact with food including its updates Regulation 1282/2011 and Regulation 1183/2012.
- Regulation (EC) no. 2023/2006 on Good Manufacturing Practice for materials and articles intended to come into contact with food.
- Council of Europe Resolution AP 89/1 on the use of Colorants in Plastic Materials coming into contact with food.
- US FDA 21 CFR 177.1520 (Olefin polymers) with colorants and additives cleared for use through listing in 178.3297 (Colorants for polymers), 178.2010 (antioxidants and/or stabilisers for polymers, or other respective parts of the FDA regulations).
- Migration test data obtained under short-term repeat use test conditions (6dm<sup>2</sup>/kg food) has demonstrated that levels of overall migration and specific migration of additives from these products will not exceed the legal limits with all food types.

Test Simulants	Food Types	Testing Condition
A-C, D1, D2 of Regulation No. 10,2011 for Plastic Materials and Articles in contact with food.	All dry, aqueous, acidic, alcoholic and fatty foods.	2 hours at 70C, Repeat use. Test OM3 of regulation 10/2011

*2 hours at 70C, Repeat use. Test OM3 of regulation 10/2011*

Dual-use food additives may be present but any migration into food will be minimal.

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### General Information:

**Maximum use Temperature:** 100 °c

**Maximum wash Temperature:** 121 °c

**Maximum use Temperature:** Do not store at deep freeze temperatures prior to use.

### Cleaning:

It is recommended that prior to and after use, scrapers are cleaned, disinfected & sterilised, as appropriate to their intended use (to minimise risk of microbial Growth and cross contamination, maximising their efficiency and durability).

**REACH** No substances of very high concern (SVHC) above the 0.1% weight (w/w) threshold limit are present in the materials.

**Below is a composition of the material used in: Detectable Safety Chain**

Serial No.	Steel Mark	Size (mm)	Chemical Composition %									
			C	SI	Mn	P	S	Ni	Cr	Mo	Cu	Pb
1	304	2.65*1220	0.078	0.95	1.98	0.039	0.024	8.09	18.12		-	-
Heat No	Weight	Delivery Status	Tensile Strength				Hardness Value					
			Tensile Strength	Yield Strength	Elongation	Yield Extended						
6	12236kg	2B	465				165					

Regulations and standards:

This statement refers to the Products manufactured by Detectamet in stainless Steel (304 grade) for direct contact with food.

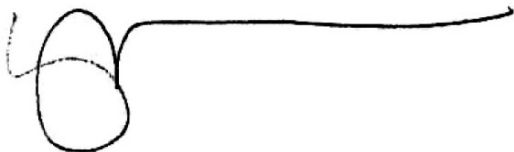
AISI Designation	European Standard Designation	
	Name	Number
304 (Austenitic)	X5CrNi18-10	1.4301

We confirm that the above-mentioned products are suitable for use in contact with all food types under and condition of use and are in conformity with the applicable requirements of the following regulations and standards:

- Regulation (EC) no. 1935.2004 on Material and Articles intended to come into contact with food.
- Specific metals release limits of council of Europe (COE) resolution CM/Res (2013) 9 on metals and alloys used in food contact materials.

Manufacture of these products is under quality control procedures meeting the requirements of regulation (EC) no. 2023/2006 on good manufacturing practise for materials and articles intended to come into contact with food.

No warranty is given or implied with respect to this information or patent infringement. Detectamet Ltd do not accept liability for loss or damage arising from the use of this information. Results are based on a test sample, our general experience and information from our suppliers. Data and results must be confirmed by the buyer by testing for its intended conditions of use.



**Helen Morrison**  
Group Managing Director