

TEST REPORT NO 85384/26/POZ

		Sample (according to declaration of Client) Sample description: Red-transparent elements: Red-transparent elements: Rosa PETG Red Transparent Appears in: not applicable - tests conducted for future products Sample No. 4
Sample reception date	03.02.2026	Sample status: no objections Sample number: 85384/26/POZ Sample received from the Client
Start of analysis	10.02.2026	
End of analysis	13.02.2026	
Test report date	13.02.2026	

Test Method	Unit	Result	Criteria	Statement of conformity
* Migration of elements PN-EN 71-3+A2:2025-05 [ICP-MS] ¹⁾ PN-EN 71-3+A2:2025-05				
Boron (B)	mg/kg	< 5,0	≤ 15000	Pass
Aluminum (Al)	mg/kg	< 5,0	≤ 28130	Pass
Total chromium (Cr)	mg/kg	< 0,02	-	-
Manganese (Mn)	mg/kg	< 0,50	≤ 15000	Pass
Cobalt (Co)	mg/kg	< 0,050	≤ 130	Pass
Nickel (Ni)	mg/kg	< 0,50	≤ 930	Pass
Copper (Cu)	mg/kg	< 0,50	≤ 7700	Pass
Zinc (Zn)	mg/kg	< 5,0	≤ 46000	Pass
Arsenic (As)	mg/kg	< 0,050	≤ 47	Pass
Selenium (Se)	mg/kg	< 0,50	≤ 460	Pass
Strontium (Sr)	mg/kg	< 5,0	≤ 56000	Pass
Cadmium (Cd)	mg/kg	< 0,050	≤ 17	Pass
Total tin (Sn)	mg/kg	< 0,20	≤ 180000	Pass
Antimony (Sb)	mg/kg	< 0,050	≤ 560	Pass
Barium (Ba)	mg/kg	< 5,0	≤ 18750	Pass
Mercury (Hg)	mg/kg	< 0,050	≤ 94	Pass
Lead (Pb)	mg/kg	< 0,050	≤ 23	Pass
* Content of Polycyclic Aromatic Hydrocarbons (PAHs) [GC-MS] ^{2) 3)} PB-235/GC ed. II of 13.01.2014				
Naphthalene [CAS: 91-20-3]	mg/kg	< 0,1	< 1	Pass
Acenaphthylene [CAS: 208-96-8]	mg/kg	< 0,1	-	-
Acenaphthene [CAS: 83-32-9]	mg/kg	< 0,1	-	-
Fluorene [CAS: 86-73-7]	mg/kg	< 0,1	-	-
Phenanthrene [CAS: 85-01-8]	mg/kg	< 0,1	-	-
Anthracene [CAS: 120-12-7]	mg/kg	< 0,1	-	-

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Fluoranthene [CAS: 206-44-0]	mg/kg	< 0,1	-	-
Pyrene [CAS: 129-00-0]	mg/kg	< 0,1	-	-
Benzo(a)anthracene [CAS: 56-55-3]	mg/kg	< 0,1	< 0,2	Pass
Chrysene [CAS: 218-01-9]	mg/kg	< 0,1	< 0,2	Pass
Benzo(b)fluoranthene [CAS: 205-99-2]	mg/kg	< 0,1	< 0,2	Pass
Benzo(k)fluoranthene [CAS: 207-08-9]	mg/kg	< 0,1	< 0,2	Pass
Benzo(j)fluoranthene [CAS: 205-82-3]	mg/kg	< 0,1	< 0,2	Pass
Benzo(e)pyrene [CAS: 192-97-2]	mg/kg	< 0,1	< 0,2	Pass
Benzo(a)pyrene [benzo(def)chrysene] [CAS: 50-32-8]	mg/kg	< 0,1	< 0,2	Pass
Indeno(1,2,3-cd)pyrene [CAS: 193-39-5]	mg/kg	< 0,1	< 0,2	Pass
Dibenzo(a,h)anthracene [CAS: 53-70-3]	mg/kg	< 0,1	< 0,2	Pass
Benzo(g,h,i)perylene [CAS: 191-24-2]	mg/kg	< 0,1	< 0,2	Pass
Sum of phenanthrene, anthracene, fluoranthene, pyrene ⁴⁾	mg/kg	below quantification limit	< 1	Pass
Sum of 15 PAHs ⁴⁾	mg/kg	below quantification limit	< 1	Pass

- 1) Limit values for materials of category III according to PN-EN 71-3+A2:2025-05 was used to assess the compliance.
- 2) As total amount of PAHs, only those individual PAH content which is from 0,2 mg/kg and onwards will be calculated.
- 3) Limit values for materials of category I according to AfPS GS 2019:01 PAK were used to assess the compliance.
- 4) The limit of quantification for each analyte included in the sum is 0,1 mg/kg.

Test report authorized by:

ID: 208, Analysis Expert, Non-Food and Packaging Laboratory
 ID: 416, Analysis Expert, Non-Food and Packaging Laboratory

The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:
 Chwaszczyńska 180, 81-571 Gdynia

The results refer only to the samples received and tested. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor k=2 at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. If the "result" column contains a record: "<" or ">", it means, that it is the test outcome directly related to the lower or upper limit of the measuring range of the method. If an expanded measurement uncertainty is given for such a test outcome, it relates only to the lower or upper limit of the measuring range of the method, respectively. In the case where the Laboratory base on the obtained test outcome, "statement of conformity" column presents an opinion and interpretation. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited

Test performed by external provider

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THE END OF THE REPORT