**Joint Actions on Harmonised Products 2021**

**JAHARP2021-08 (Grant Agreement No. JA2021-08)**

**Call for Tender for Test Laboratories**

**WP2 Consumer Fireworks**

**Annex 1 – Test Programme and Price List**

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| **#** | **Clauses from standard EN 15947-5:2015** | **Price in EUR (0% VAT) per article & per group of parameters** |
| **Group 1 of parameters** |
| 4.1.1. | Construction materials – General requirements – Critical | € |
| 4.1.2. | Construction requirements – Specific requirements – Critical |
| 4.3. | Elements in batteries & combinations – Major |
| 4.5. | Specific requirements for compound firework – Critical |
| **Group 2 of parameters** |
| 5 | Pyrotechnic composition (measured in accordance with EN 15947-4:2015, clause 6.2.3) | € |
| **Group 3 of parameters** |
| 6.1 | Permitted means of ignition – Major | € |
| 6.2 | Protection of initial fuse and reserve fuse (if applicable) – Major |
| 6.4.1 | Ignition time of initial fuse and reserve fuse (if applicable) - Major |
| - | Duration of initial fuse & reserve fuse burning (if applicable) – Major |
| 6.4.2. | Specific requirements: |
| - | Ignition time of indoor fountains, category F1 - Major |
| - | Ignition time of sparklers - Major |
| - | Invisible burning of Roman candles - Major |
| - | Visibility of point of ignition from top of spinners and jumping ground spinners - Minor |
| - | Delay time between fireworks in compound fireworks - Major |
| **Group 4 of parameters** |
| 7.1.2.1 | Integrity – General requirements – Major | € |
| 7.1.2.2 | Integrity – Specific requirements – Major |
| 7.1.3 | Stabilisation of flight - Critical  |
| 7.2.2 | Functioning – Major |
| 7.2.3 | Angle of ascent or flight – MajorRemark on 7.2.3: the test report must mention for a non-compliant article if the result is a ‘minor’ or ‘major’ non-conformity in accordance with table 6 of EN15947-5:2015:* for aerial wheels, rockets: > 15° and ≤ 30°: Minor / > 30°: Major
* for double bangers: > 8° and ≤ 16°: Minor / > 16°: Major

for mini rockets and spinners: > 30°: Major |
| 7.2.4 | Motion - Major |
| 7.2.5 | Stability during functioning – Critical |
| 7.2.6 | Height of explosion – Major |
| 7.2.7 | Sound pressure level – Major |
| 7.2.8 | Explosion & other factors – Critical |
| 7.2.9 | Burning or incandescent matter - Major |
| 7.2.11 | Projected debris – Major |
| 7.3.1 | Droop – Major |
| 7.3.2 | Plastics body – Major  |
| **Group 5 of parameters** |
| 8 | Primary pack or selection pack – Major | € |

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| --- | --- |
| **Total cost of the test programme per article for all 5 groups of parameters** | € |

If you are applying discounts for larger number of samples to be tested and for certain parameters, please specify these in the table below and add more rows as you see fit.

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| --- | --- |
| Discount for quantity (specify % and conditions) – condition 1 | % |
| Discount for quantity (specify % and conditions) – condition 2  | % |