

# Certificate of Analysis

## Quality control material

**Product Name:** Quality control substances of polycyclic aromatic hydrocarbons in acrylonitrile butadiene styrene (ABS)

**Catalogue Number:** CQCM100174

**Lot Number:** 1101-RD-0036

**Matrix:** ABS

**Storage:** 2°C~8°C Protected from light and Sealed

**Weigh/Volume:** 20g

**Minimum sample size:** 0.25g

| NO. | Component | Concentration(mg/kg) | Uncertainty(mg/kg) |
|-----|-----------|----------------------|--------------------|
| 1   | Nap       | 15.2                 | 0.8                |
| 2   | PA        | 20.0                 | 1.1                |
| 3   | Ant       | 19.6                 | 1.0                |
| 4   | FL        | 19.3                 | 1.0                |
| 5   | Pyr       | 19.9                 | 1.1                |

## Comment:

1. The naphthalene content was found downtrend by continuous monitoring which is associated with its volatility. As time passed, the naphthalene content would continuously decrease and therefore for reference only. Please use with caution.

2. Test Method: GC-MS and LC-FLD.

## Warning:

**Analysed Date:** Jul/01/2022

**Expiry Date:** Jun/30/2025

**Approved by:**

