

都内における大気浮遊塵中の核反応生成物の測定結果について
Measurement of nuclear fission products of dust particles in the air in Tokyo
(令和2年5月1日～30日計測分)
(measurements of May.1 2020～May.30 2020)

採集および測定場所: 東京都立産業技術研究センター (東京都江東区青海)
Sampling and measurement site: Tokyo Metropolitan Industrial Technology Research Institute
(Aomi, Koto-ku, Tokyo)

測定機器: ゲルマニウム半導体検出器
Measurement instrument: Germanium semiconductor detector
測定時間: 20,000秒
Measurement time: 20,000 sec

(Bq/m³)※

| 計測日 Date of measurement | 採集時間 Sampling period | ヨウ素131 I-131 | ヨウ素132 I-132 | セシウム134 Cs-134 | セシウム137 Cs-137 |
|-------------------------------|-------------------------------|-----------------|-----------------|-------------------|-------------------|
| 5/1 | 4/29 16:00 ～ 4/30 16:00 | ND※ (0.0001) | ND※ (0.0002) | ND※ (0.0002) | ND※ (0.0002) |
| 5/2 | 4/30 16:00 ～ 5/1 16:00 | ND※ (0.0001) | ND※ (0.0002) | ND※ (0.0002) | ND※ (0.0001) |
| 5/4 | 5/1 16:00 ～ 5/2 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/5 | 5/2 16:00 ～ 5/3 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/7 | 5/3 16:00 ～ 5/4 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/8 | 5/4 16:00 ～ 5/5 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/8 | 5/5 16:00 ～ 5/6 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/9 | 5/6 16:00 ～ 5/7 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/11 | 5/7 16:00 ～ 5/8 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0003) |
| 5/12 | 5/8 16:00 ～ 5/9 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0004) |
| 5/12 | 5/9 16:00 ～ 5/10 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) |
| 5/13 | 5/10 16:00 ～ 5/11 16:00 | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0001) | ND※ (0.0002) |

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| 5/14 | 5/11 16:00 ~ 5/12 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/15 | 5/12 16:00 ~ 5/13 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/15 | 5/13 16:00 ~ 5/14 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/16 | 5/14 16:00 ~ 5/15 16:00 | ND* (0.0001) | ND* (0.0002) | ND* (0.0002) | ND* (0.0001) |
| 5/18 | 5/15 16:00 ~ 5/16 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/19 | 5/16 16:00 ~ 5/17 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/19 | 5/17 16:00 ~ 5/18 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/20 | 5/18 16:00 ~ 5/19 16:00 | ND* (0.0001) | ND* (0.0002) | ND* (0.0002) | ND* (0.0001) |
| 5/21 | 5/19 16:00 ~ 5/20 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/22 | 5/20 16:00 ~ 5/21 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/23 | 5/21 16:00 ~ 5/22 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0002) | ND* (0.0001) |
| 5/25 | 5/22 16:00 ~ 5/23 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/26 | 5/23 16:00 ~ 5/24 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/26 | 5/24 16:00 ~ 5/25 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |
| 5/27 | 5/25 16:00 ~ 5/26 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0002) | ND* (0.0002) |
| 5/29 | 5/26 16:00 ~ 5/27 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0002) | ND* (0.0001) |
| 5/29 | 5/27 16:00 ~ 5/28 16:00 | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) | ND* (0.0001) |

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|------|-------------------------------|-----------------|-----------------|-----------------|-----------------|
| 5/30 | 5/28 16:00 ~ 5/29 16:00 | ND※ (0.0001) | ND※ (0.0002) | ND※ (0.0002) | ND※ (0.0001) |
|------|-------------------------------|-----------------|-----------------|-----------------|-----------------|

※Bq(ベクレル):放射能の量の単位。

※ND: 検出されず(検出限界値を下回った場合、()内は検出限界値を表す)

注 検出限界値とは、文部科学省で定められた計測方法に基づき計測を行った結果、検出できる最小値を表します。放射能の特性として同じ機器で測定しても、検体ごと検出限界値は変動します。

Note: Detection limit is the minimum value that can be detected by the measurement method determined by Ministry of Education, Culture, Sports, Science and Technology (MEXT). For the characteristic of radiation measurement, detection limit may vary for each sample even if the measurement is done with the same instrument.

引き続き最新の測定結果について、今後も東京都産業労働局ホームページで公表します。

東京都産業労働局ホームページ

<https://www.sangyo-rodo.metro.tokyo.lg.jp/>

都内での環境放射線測定結果

<http://monitoring.tokyo-eiken.go.jp/>

【問い合わせ先】

(大気浮遊塵中の核反応生成物のホームページでの公表について)

産業労働局総務部広報担当

Public Relations, General Affairs Division,

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(大気浮遊塵中の核反応生成物の測定について)

地方独立行政法人 東京都立産業技術研究センター

経営企画部経営企画室広報係

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