



ANNEX D5

CERTIFICATES OF THE QUALIFIED
ODOUR PANELIST



Certificate for a Qualified Odour Panellist



This is to certify that

LAU MEI TUNG

has participated in twelve (12) sets of individual N-Butanol screening test
during 14 November 2023 - 21 November 2023

with Individual Threshold : 47 ppb/v
Standard Deviation : 1.3 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

Gold Stamp: Successfully fulfilling the Panellist requirement since 2021

21 November 2023

Issue Date

21 November 2024

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

WONG HO YU

has participated in twelve (12) sets of individual N-Butanol screening test
during 14 November 2023 - 21 November 2023

with Individual Threshold : 47 ppb/v
Standard Deviation : 1.4 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

21 November 2023

Issue Date

21 November 2024

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

LEUNG CHING

has participated in twelve (12) sets of individual N-Butanol screening test
during 14 November 2023 - 21 November 2023

with Individual Threshold : 43 ppb/v
Standard Deviation : 1.3 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

21 November 2023

Issue Date

21 November 2024

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

LAO KA LEONG, BILLY



has participated in twelve (12) sets of individual N-Butanol screening test during 14 November 2023 - 22 November 2023

with Individual Threshold : 31 ppb/v
Standard Deviation : 1.7 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality - Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at least 12 sets of individual threshold estimates and standard deviation less than 2.3

Gold Stamp: Successfully fulfilling the Panellist requirement since 2021

22 November 2023

Issue Date

22 November 2024

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

Chen Ci He, Wayne

has participated at least twelve (12) sets of individual N-Butanol screening test
during 14-Nov-2023 to 21-Nov-2024

with Individual Threshold : 44 ppb
Standard Deviation : 1.50 ppb

and

fulfil the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

21 November 2023

Issue Date

20 November 2024

Valid Until

Fung Lim Chee, Richard