

Appendix B

Odour Certificates



Certificate for a Qualified Odour Panellist

This is to certify that

LO TING YI

has participated in Ten (10) sets of individual N-Butanol Screening Test
during 18 March 2022 – 24 March 2022

with Individual Threshold: 36 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality –
Determination of Odour Concentration by Dynamic Olfactometry (EN13725:2003) –

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 – 80 ppb/v
with at least 10 sets of individual threshold estimates and standard deviation less than 2.3

24 March 2022
Issue Date

24 March 2023
Valid Until


Fung Lim Chee, Richard

Certificate for a Qualified Odour Panel Member

Serial No. : P-047

Odour Panel Member : Andrew Yuen

Date of Screening Test : 08 Aug 2022
10 Aug 2022
12 Aug 2022

Valid Until : 11 Feb 2023

This is to certify that Mr. Andrew Yuen participated in a set of n-butanol screening tests in our laboratory between 08 Aug 2022 and 12 Aug 2022.

The odour threshold test results of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v and a standard deviation of $R < 2.3$, which comply with the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN 13725).

The participant is Approved and Authorized as Qualified Odour Panel Member for odour patrol and olfactometry analysis.

Signed for and on behalf of
CMA Industrial Development Foundation Limited



Wu Chun Fai
Assistant Manager – Environmental Division

Date: 12 Aug 2022

Certificate for a Qualified Odour Panel Member

Serial No. : P-054

Odour Panel Member : Michael Lee

Date of Screening Test : 08 Aug 2022
10 Aug 2022
12 Aug 2022

Valid Until : 11 Feb 2023

This is to certify that Mr. Michael Lee participated in a set of n-butanol screening tests in our laboratory between 08 Aug 2022 and 12 Aug 2022.

The odour threshold test results of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v and a standard deviation of $R < 2.3$, which comply with the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN 13725).

The participant is Approved and Authorized as Qualified Odour Panel Member for odour patrol and olfactometry analysis.

Signed for and on behalf of
CMA Industrial Development Foundation Limited



Wu Chun Fai
Assistant Manager – Environmental Division

Date: 12 Aug 2022