

Certificate of Analysis

Client: Safran Landing Systems

Project: 25063031

Quote: BEC250641102 V1.2

Project Ref: Env.25.26.01

Site: Safran Landing Systems Service UK LTD

Contact: Bryan Taylor

Address: Cheltenham Road East
Gloucester
Gloucestershire
GL2 9QH

E-Mail: bryan.taylor@safrangroup.com

Phone: 07970776982

No. Samples Received: 6

Date Received: 23/06/2025

Analysis Completed: 04/07/2025

Date Issued: 04/07/2025

Report Type: Version 01

This report supersedes any versions previously issued by the laboratory



Reported by Account Manager
Lucy Bailey

Lucy.Bailey@socotec.co.uk



Project Number: 25063031

Client: Safran Landing Systems

Date Issued: 04/07/2025

Project Name: Env.25.26.01 - Safran Landing Systems Service UK LTD

Samples Analysed

<u>Text ID</u>	<u>Sample Reference</u>	<u>Sampling Date</u>	<u>Sample Type</u>	<u>Sample Description</u>
25063031-001	BH01	18/06/2025 11:00:00	WATER	Ground Water
25063031-002	BH02	18/06/2025 11:20:00	WATER	Ground Water
25063031-003	BH03	18/06/2025 11:40:00	WATER	Ground Water
25063031-004	BH04	18/06/2025 12:00:00	WATER	Ground Water
25063031-005	BH05	18/06/2025 12:20:00	WATER	Ground Water
25063031-006	BH06	18/06/2025 12:40:00	WATER	Ground Water



Project Number: 25063031

Client: Safran Landing Systems

Date Issued: 04/07/2025

Project Name: Env.25.26.01 - Safran Landing Systems Service UK LTD



1252

Analysis Results

SOCOTEC Sample ID:				25063031-001	25063031-002	25063031-003	25063031-004	25063031-005
Sampling Date:				18/06/2025 11:00	18/06/2025 11:20	18/06/2025 11:40	18/06/2025 12:00	18/06/2025 12:20
Customer ID:				BH01	BH02	BH03	BH04	BH05
Method Code	Analysis	MDL	Accred.					
ICPMSW (Dissolved)	Cadmium as Cd	0.00002 mg/l	U	<0.00002	0.00004	0.00031	0.00005	0.00032
ICPMSW (Dissolved)	Total Chromium as Cr	0.001 mg/l	U	<0.001	<0.001	<0.001	0.001	<0.001
ICPMSW (Dissolved)	Nickel as Ni	0.001 mg/l	U	<0.001	<0.001	0.010	0.068	0.051



Project Number: 25063031

Client: Safran Landing Systems

Date Issued: 04/07/2025

Project Name: Env.25.26.01 - Safran Landing Systems Service UK LTD



1252

Analysis Results

SOCOTEC Sample ID:	25063031-006
Sampling Date:	18/06/2025 12:40
Customer ID:	BH06

Method Code	Analysis	MDL	Accred.	
ICPMSW (Dissolved)	Cadmium as Cd	0.00002 mg/l	U	0.00064
ICPMSW (Dissolved)	Total Chromium as Cr	0.001 mg/l	U	<0.001
ICPMSW (Dissolved)	Nickel as Ni	0.001 mg/l	U	0.010



Project Number: 25063031

Client: Safran Landing Systems

Date Issued: 04/07/2025

Project Name: Env.25.26.01 - Safran Landing Systems Service UK LTD

Deviating Sample Report

All samples received in an appropriate condition with no deviancies noted with the samples.

Analysis Method

Method Code

ICPMSW (Dissolved)
ICPMSW (Dissolved)
ICPMSW (Dissolved)

Method Description

Cadmium (Diss.) in Water by ICPMS
Chromium (Diss.) in Water by ICPMS
Nickel (Diss.) in Water by ICPMS

Analysis Method

Filtered
Filtered
Filtered

Result Report Notes

Letters alongside results signify that the result has associated report notes.

The report notes are as follows:

Letter

Note

- A Due to the matrix of the sample the laboratory has had to deviate from our standard protocols to be able to process the sample and provide a result. Where applicable the accreditation has been removed and this should be taken into consideration when utilising the data.
- B The QC associated with this result has not wholly met the QMS requirements, the accreditation has therefore been removed. However, the Laboratory has confidence in the performance of the method as a whole and that the integrity of the data has not been significantly compromised.
- C Due to matrix interference, the internal standard and/or surrogate has not met the QMS requirements. This should be taken into consideration when utilising the data.
- D A non-standard volume or mass has been used for this test which has resulted in a raised detection limit.
- E Due to the parameter value being beyond our calibration range (and following the maximum size of dilution allowed, where applicable), the result cannot be quantified and as such the result will appear as a greater than symbol (>) with the accreditation removed. This data should be used for indicative purposes only.
- F Based on the sample history, appearance and smell a dilution was applied prior to testing. Unfortunately, the result is either above (>) or below (<) our calibration range. Results above our calibration range have accreditation removed. The data should be used for indicative purposes only.
- G The day 5 oxygen reading was below the capability of the instrument to detect, and therefore the calculated BOD has been reported unaccredited for guidance purposes only.

HWOL Acronym Key

Acronym

HS Headspace Analysis
EH Extractable Hydrocarbons - i.e everything extracted by the solvent(s)
CU Clean up - e.g. by florisil, silica gel
1D GC - Single coil gas chromatography
Total Aliphatics & Aromatics
AL Aliphatics only
AR Aromatics only
+ Operator to indicate cumulative e.g. EH_CU+HS_1D_Total



Project Number: 25063031

Client: Safran Landing Systems

Date Issued: 04/07/2025

Project Name: Env.25.26.01 - Safran Landing Systems Service UK LTD

Additional Information

This report refers to samples as received. SOCOTEC UK Ltd takes no responsibility for accuracy or competence of sampling by others.

Results within this report relate only to the samples tested.

The accreditation codes are as follows:

U = UKAS accredited analysis
M = MCERT accredited analysis
N = Unaccredited analysis

Any accreditation marked with ^ signify results are reported on a dry weight basis of 105 ° c.

All Air Dried and Ground Samples (ADG) are oven dried at less than 35 ° c.

This report shall not be reproduced except in full, without written approval of the laboratory.

Opinions and interpretations given are outside the scope of our UKAS accreditation.

Any results marked with * are not covered by our scope of UKAS accreditation. If applicable, further report notes have been added.

Any solid samples where the Major Constituents are not one of the following (Sand, Silt, Clay, Made Ground) are not one of our accredited matrix types.

Any samples marked with a tick in the deviant table is deviant for the specific reason.

Any samples reported as IS, NA, ND mean the following:

IS = Insufficient Sample to complete analysis
NA = Sample is not amenable for the required analysis
ND = Results cannot be determined

Items listed with a 'SUB' method code prefix have been carried out by another SOCOTEC department or by an external subcontracted laboratory. Further information is available upon request.

Our deviating sample report does not include deviancy information for Subcontracted analysis. Please see the report from the subcontracted lab for information regarding any deviancies for this analysis.

Summaries of analysis methods are available upon request.

End of Certificate of Analysis