

Job No./Report No: 21-002930

Date: 29/03/2021

SOP and results with (#) are not included in the ENAC accreditation scope

Client: Digwind, S.L.

Code: CL-1571

Address: P.I. Axpe, 11, C2, L 109 ERANDIO BIZKAIA ESPAÑA

Attn: Jesús Murua

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The following sample was (were) submitted and identified by the client as:

Serie :		Job no Report No.: 21-002930
Batch No.:		Receiving Date: 01/03/2021
Reference No.:	Mascarilla E.5.0. Emotion – Sportive Semitransparente	Test Start Date: 20/03/2021
		Test End Date: 20/03/2021
		Sample description: MASK

Composition indicated: **FIBRA SINTETICA (POLIAMIDA)**

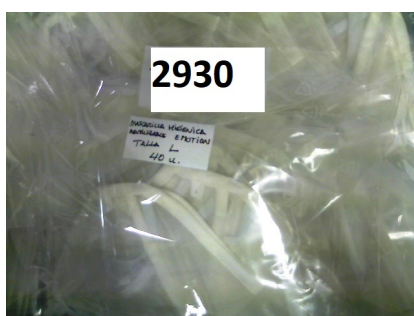
This test report is a modification of issued in the date "20/03/2021". Change: The original customer reference (E 5.0. EMOTION- SPORTIVE SEMITRANSARENTE BREATH/ SEMI TRANSPARENTE) has been replaced by a new reference (Mascarilla E.5.0. Emotion – Sportive Semitransparente). Cause: Customer's request.

The following note is also added by Customer's request: "Digwind es la empresa comercializadora y el fabricante es TEXCON Y CALIDAD, S.L."

#SUMMARY OF TEST CONCLUSIONS

SOP description	#Conclusions
#SOP052 - Determination of arylamines for synthetic samples	Pass
SOP058 - Determination of formaldehyde by photometric in textile samples based on ISO 14184-1 (DC)	Pass
SOP065 - pH in textile samples (ISO 3071)	Pass

Sample Tested



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SOP052 - Determination of arylamines for synthetic samples

ID	ID AMSLab	Description	# Conclusion
1	S-210304-00237	MASK WHITE	Pass

	CAS	S-210304-00237
0-dianisidine (3,3-dimethoxybenzidine)	119-90-4	n.d.
2,4,5-trimethylaniline	137-17-7	n.d.
2,4-Diaminotoluene	95-80-7	n.d.
2,4-dimethylaniline	95-68-1	n.d.
2,6-dimethylaniline	87-62-7	n.d.
2-Nafthylamine	91-59-8	n.d.
3,3-dichlorobenzidine	91-94-1	n.d.
3,3-dimethylbenzidine	119-93-7	n.d.
4,4-Diaminediphenyl sulfide	139-65-1	n.d.
4,4-Oxydianiline	101-80-4	n.d.
4,4-diaminophenylmethane	101-77-9	n.d.
4,4-methylen-bis-(2-Chloroaniline)	101-14-4	n.d.
4,4-methylen-di-o-toluidine	838-88-0	n.d.
4-Aminoazobenzene	60-09-3	n.d.
4-Aminobiphenyl	92-67-1	n.d.
4-Chloro-o-toluidine	95-69-2	n.d.
4-Chloroaniline	106-47-8	n.d.
4-Methoxy-m-phenylenediamine	615-05-4	n.d.
5-Nitro-o-toluidine	99-55-8	n.d.
6-methoxy-m-toluidine	120-71-8	n.d.
Benzidine	92-87-5	n.d.
o-Aminoazotoluene	97-56-3	n.d.
o-Anisidine	90-04-0	n.d.
o-toluidine	95-53-4	n.d.

Notes:

General Notes:

- Applied standard: based on UNE-EN 14362-1
- Requirement by the client=20 mg•Kg-1 for textile
- The uncertainty of the method has not been taken into account to verify compliance with specifications by customer's request
- Lack of sample * = Component Weight < 1% Total
- (N°=.) = number of subsamples included. If N>number of subsamples visible, in this composite sample it mixed different references by customer indications.

Test Notes:

Report Unit: mg•Kg-1

n.d.= not detected (<MDL)

MDL (Method Detection Limit) = 1,0 mg•Kg-1

Specific Notes:

(**) The result is out of specifications

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SOP058 - Determination of formaldehyde by photometric in textile samples based on ISO 14184-1 (DC)

ID	ID AMSLab	Description	# Conclusion
2	S-210304-00238	MASK WHITE	Pass

	CAS	S-210304-00238
Formaldehyde	50-00-0	9.1

Notes:

General Notes:

- Applied standard: based on UNE-EN ISO 14184-1:2011
- Requirement by the client, products for over 3 years= 75 mg•Kg-1 for items of direct contact 300 mg•Kg-1 garment with indirect contact
- The uncertainty of the method has not been taken into account to verify compliance with specifications by customer's request
- Lack of sample * = Component Weight < 1% Total
- (N°=.) = number of subsamples included. If N>number of subsamples visible, in this composite sample it mixed different references by customer indications.

Test Notes:

Report Unit: mg•Kg-1

n.d.= not detected = <LOQ

LOQ (Limit of quantification)= 2,0 mg•Kg-1

Specific Notes:

(**) The result is out of specifications

SOP065 - pH in textile samples (ISO 3071)

ID	ID AMSLab	Description	# Conclusion
3	S-210304-00239	MASK WHITE	Pass

	CAS	S-210304-00239
pH		6.7

Notes:

General Notes:

- Applied standard UNE-EN ISO 3071:2006 (Equivalent to ISO 3071:2005)
- Requirement by the client= 4.0-7.5 of pH
- Lack of sample * = Component Weight < 1% Total
- n.a. = not applicable

Test Notes:

Note 1: Solution of KCl used for all samples

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- Note 2: Temperature of the extraction solution (KCl): (20 ± 2) °C
Note 3: pH of the extraction solution (KCl): Into 5-7,5
Note 4: Agitation during 2 hours (± 5 minutes)
Note 5: Flasks were used glass stoppers provided
Note 6: The samples were cut into pieces approximately 5 mm sides
Note 7: Weight of sample ($2 \pm 0,05$) g
Note 8: Placed in each sample 100 ml of extraction solution (KCl)

Specific Notes:

(**) The result is out of specifications

Issue Date: 29/03/2021

Signed: Manuel Lolo



amslab.
Applied Mass Spectrometry Laboratory S.L.
C.I.F. B - 27.380.914

General Manager

Signed: Pablo Perez



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Chemical Lab Manager

Signed: Esteban Ramirez



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Physical Lab Manager

Test report reviewed by Esteban Ramírez (Physical Tests) and Pablo Pérez (Chemical Tests)

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