

# REPORT No 11662

*Date of issue: April 14, 2026*

**Status: FINAL REPORT**

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## EN 1400

### CHILD USE AND CARE ARTICLES SOOTHERS FOR BABIES AND YOUNG CHILDREN SAFETY REQUIREMENTS AND TEST METHODS

### Program: SQ-3039.V10

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## 1. FOREWORD

This report summarizes the results of the **SQ-3039.V10** proficiency testing program on the verification of safety requirements of soothers. This program carried out in a bilateral format, following the “split-sample” design described in clause A.4.2 of ISO/IEC 17043: 2023 (Alternative interlaboratory comparisons).

**South Quality** conducted the testing program in February 2026 with the aim of assessing the laboratory's ability to competently perform the designated tests.

## 2. ORGANIZATION

Program Coordinator: Lic. Esther Casas  
Assistant Technician: Berenice Ferrel  
Statistic: Lic. Manuel Tozaki  
Supervision: Eng. Emiliano Medina

## 3. OBJECTIVE

The objective of this proficiency testing program is to determine the colour fastness to artificial saliva, using the following standard:

Standard
EN 1400: 2013 + A2:2018

To verify this, batches of soothers have been selected.

Participants in this program have not been previously informed about the expected behavior of the samples they receive.

## 4. PARTICIPANT

Company: **INTERTEK TEST HIZMETLERI A.Ş.**  
Laboratory: INTERTEK  
Country: Türkiye  
Client ID: S335  
Contact person: Kubra Dogan Gungel  
Quality Specialist  
[kubra.dogan@intertek.com](mailto:kubra.dogan@intertek.com)

## 5. HOMOGENEITY

Several batches were prepared identically by the staff at South Quality.

Subsequently, a homogeneity study was conducted with an ISO/IEC 17025 accredited laboratory.

The control process followed ISO 33405: 2024, clauses 7.4.1.1 / 7.4.1.2. Stratified random sampling was applied, and samples were selected using random number generation software.

The results of this test are presented below:

Size of each batch: **25 units**

Tested samples from each batch: **5 units**

DETERMINATION	HOMOGENEITY OF RESULTS IN THE ANALYZED SAMPLES		
	BATCH: LKS3170	BATCH: LKS3171	BATCH: LKS3172
Clause 10.7	YES	YES	NO

Size of each batch: **25 units**

Tested samples from each batch: **5 units**

DETERMINATION	HOMOGENEITY OF RESULTS IN THE ANALYZED SAMPLES		
	BATCH: LKS3173	BATCH: LKS3174	BATCH: LKS3175
Clause 10.7	YES	YES	YES

The samples for this program are taken from the selected batches identified as **LKS3171** and **LKS3175**.

For the indicated batches, the values determined in the homogeneity study are utilized as the assigned values.

The analysis of the test data indicated that the selected samples exhibited sufficient homogeneity for the program. Therefore, the results of participants identified as outliers cannot be attributed to sample variability.

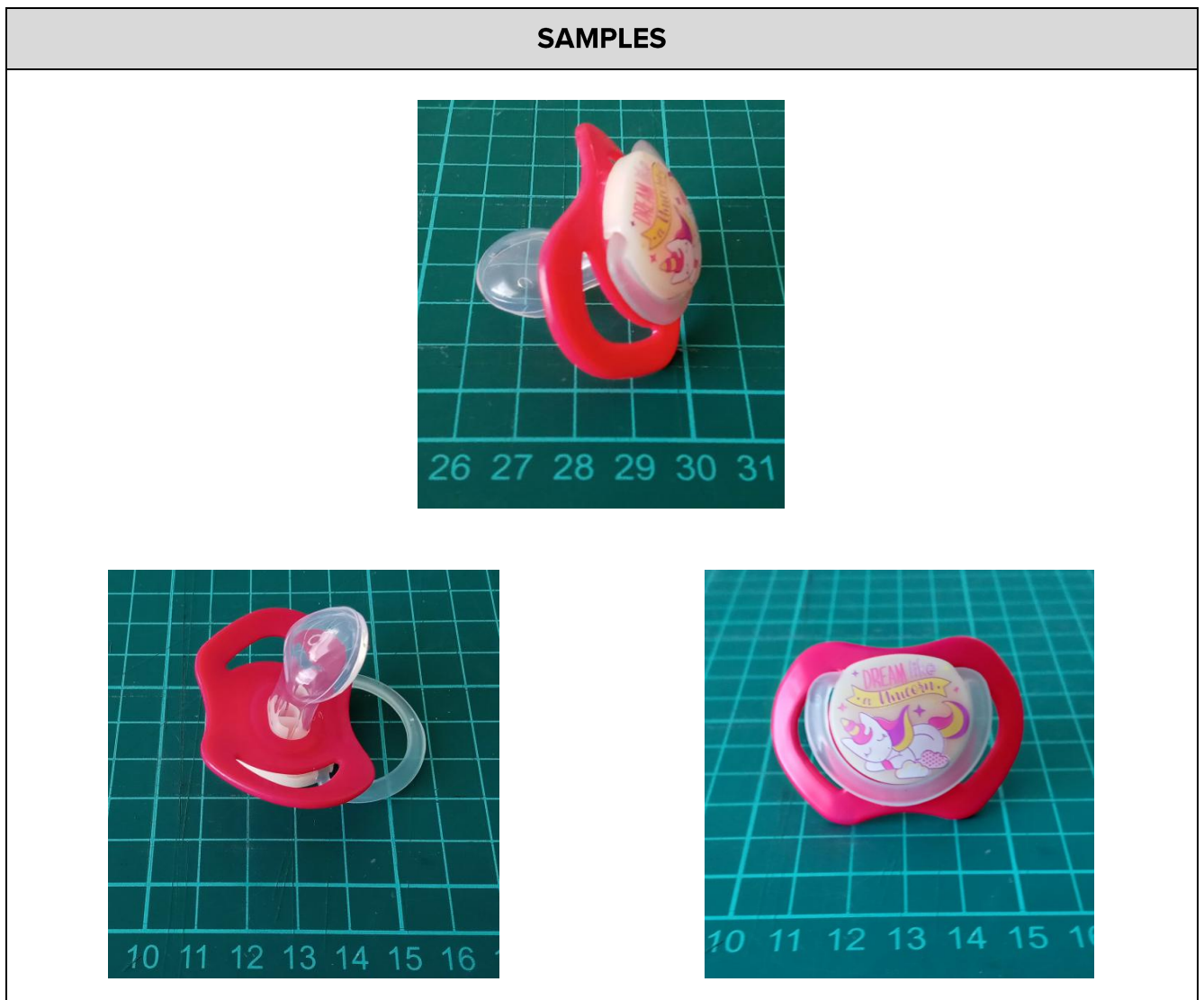
## 6. SAMPLE INFORMATION

The following samples were sent for testing:

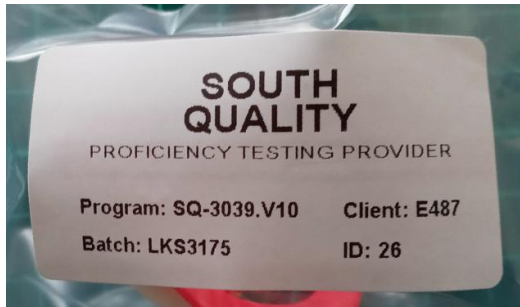
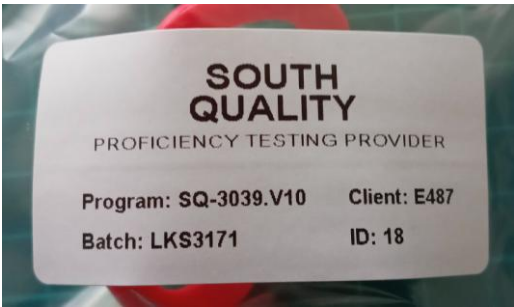
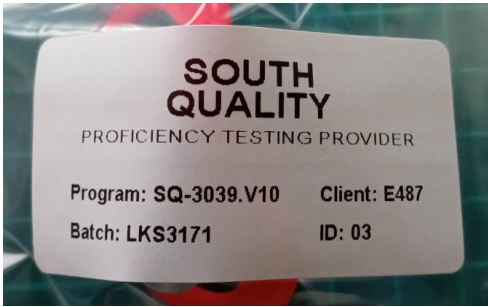
Batch:	LKS3171
Sample ID:	03 + 18
Characteristics:	Red-colored silicone pacifier - T1

Batch:	LKS3175
Sample ID:	26
Characteristics:	Red-colored silicone pacifier - T2

## 7. IMAGES



**SAMPLES**



**8. ASSIGNED VALUES**

COLOUR FASTNESS	
BATCH	RESULT
LKS3171	4.5
LKS3175	4.5

**9. PARTICIPANT RESULTS (SEE APPENDIX B)**

COLOUR FASTNESS	
CODE	RESULT
LKS3171-03	4.5
LKS3171-18	4.5
LKS3175-26	4.5

## 10. STATISTICS

The results must be treated as quantitative.

According to B.4.1.3 of ISO/IEC 17043: 2023 the appropriate technique is to compare participant results with the assigned values.

The results can be compare using the difference **D** (B.1 – ISO/IEC 17043: 2023).

$$D = (x - X)$$

$x$  is the participant's result

$X$  is the assigned value

The performance evaluation is carried out with the following criteria:

$|D| < 1$  indicates “satisfactory” performance and generates no signal;

$|D| = 1$  indicates “questionable” performance and generates a warning signal;

$|D| > 1$  indicates “unsatisfactory” performance and generates an action signal;

## 11. EVALUATION OF PERFORMANCE

CODE	COLOUR FASTNESS		D	PERFORMANCE RESULT
	PARTICIPANT RESULT	ASSIGNED VALUE		
LKS3171-03	4.5	4.5	0	SATISFACTORY
LKS3171-18	4.5	4.5	0	SATISFACTORY
LKS3175-26	4.5	4.5	0	SATISFACTORY

## 12. CONCLUSIONS

The overall performance on this **SQ-3039.V10** program from the participant laboratory **INTERTEK TEST HIZMETLERI A.Ş. - INTERTEK**, is **SUFFICIENT** based on expected results.

The criteria used for evaluating the overall performance are as follows:

- **SUFFICIENT** performance: No unsatisfactory/questionable results were obtained.
- **ALMOST SUFFICIENT** performance: No unsatisfactory results were obtained, but one questionable result was found.
- **INSUFFICIENT** performance: An unsatisfactory result or two questionable results were obtained.

# APPENDIX A

## INSTRUCTIONS



# INSTRUCTIONS

<b>PROGRAM:</b>	Child use and care articles Soothers for babies and young children Safety requirements and test methods
<b>CODE:</b>	SQ-3039
<b>VERSION:</b>	10
<b>STANDARD:</b>	EN 1400
<b>COORDINATOR:</b>	Lic. Esther Casas ( <a href="mailto:ecasas@ptsouthquality.com">ecasas@ptsouthquality.com</a> )

### 1 - General

This document is a guide for managing the results of the **SQ-3039.V10** program.

### 2 - Standard

**EN 1400: 2013 + A2: 2018**

### 3 - Tests involved

TEST
Verification of safety requirements of soothers ( Clause 10.7 )

### 4 - Samples

CODE	SAMPLE	QUANTITY
LKS3171-03	Red-colored silicone pacifier - T1	1
LKS3171-18	Red-colored silicone pacifier - T1	1
LKS3175-26	Red-colored silicone pacifier - T2	1

### 5 - Notes

- a) Being a bilateral program, there is no deadline for submitting results.
- b) The participant must submit the results using the usual report employed by their laboratory.
- c) The samples are to be handled as routine lab samples, with all testing, documentation, and reporting adhering to EN 1400.
- d) Samples must be retained until the end of the program, which concludes with the submission of the final report.
- e) To review the results, test images would be appreciated. Images can be attached at the end of this document or sent by email.


**PHOTOGRAPHS**

# APPENDIX B

## PARTICIPANT RESULTS (TR # TURT260008533)

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Form LG.044/Rev:1/03.01.2022


Test TS EN ISO/IEC 17025 AB-0715-T
AB-0716-T
TURT260008533
02-26

### TEST REPORT

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**REPORT NUMBER :** TURT260008533  
**APPLICANT NAME :** SONER TURUNÇ  
**ADDRESS :** Fatih Cad.Dereboyu sok.No.4/2 (test2)Küçükçekmece İstanbul / TURKEY  
TEL:1FAX:(test)  
**Attention :** XX ( xxxx )

**BUYER** LAB.TURKEY  
**SAMPLE DESCRIPTION :** One sample of pink pacifier  
**DATE IN :** 23 January ,2026  
**DATE OUT :** 9 February ,2026  
**DENEME1 :** DENEME1  
**DENEME2 :** DENEME1  
**DENEME3 :** DENEME1  
**DENEME4 :** DENEME1  
**DENEME5 :** DENEME1  
**DENEME6 :** DENEME1  
**DENEME7 :** DENEME1  
**DENEME8 :** DENEME1  
**DENEME9 :** DENEME1  
**DENEME10 :** DENEME1  
**DENEME11 :** DENEME1  
**DENEME12 :** DENEME1  
**DENEME13 :** DENEME1  
**DENEME14 :** DENEME1  
**DENEME15 :** DENEME1  
**DENEME16 :** DENEME1  
**DENEME17 :** DENEME1  
**DENEME18 :** DENEME1  
**DENEME19 :** DENEME1  
**DENEME20 :** DENEME1

Burcu YARLIGAN  
Customer Care Executive



Durmuş UĞURLU  
Textile Laboratory Manager

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## TEST REPORT

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DENEME21 :	DENEME1
DENEME22 :	DENEME1
DENEME23 :	DENEME1
DENEME24 :	DENEME1
DENEME25 :	DENEME1
DENEME26 :	DENEME1
DENEME27 :	DENEME1
DENEME28 :	DENEME1
DENEME29 :	DENEME1
DENEME30 :	DENEME1
DENEME31 :	DENEME1
DENEME32 :	DENEME1
DENEME33 :	DENEME1
DENEME34 :	DENEME1
DENEME35 :	DENEME1
DENEME36 :	DENEME1
DENEME37 :	DENEME1
DENEME38 :	DENEME1
DENEME39 :	DENEME1
DENEME40 :	DENEME1
FIBER COMPOSITION :	Not Given
PROVIDED CARE LABEL :	Not Given

TEST	SAMPLE
Colour Fastness to Artificial Saliva - ID: 03	1 P

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TEST	SAMPLE
	1
Colour Fastness to Artificial Saliva - ID: 18	P
Colour Fastness to Artificial Saliva - ID: 26	P

**P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / MA = MINIMUM AMOUNT**

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RESULTS  
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LAB.TURKEY

Test Method	Results	Requirements
<b>Colour Fastness to Artificial Saliva</b>		
EN 1400:2013+A2:2018 Clause 10.7 (refer to DIN 53160-1 : 2010(Withdrawn))		
- ID: 26		
	<u>Result</u>	
Color staining on filter paper		
a) Light blue transparent part	4-5	
b) Light yellow - pink plastic part & pink - yellow - purple - white print	4-5	>4

Estimated Total Uncertainty=( ±0,5 Grade)

<b>Colour Fastness to Artificial Saliva</b>		
EN 1400:2013+A2:2018 Clause 10.7 (refer to DIN 53160-1 : 2010(Withdrawn))		
- ID: 18		
	<u>Result</u>	
Color staining on filter paper		
a) Light blue transparent part	4-5	
b) Light yellow - pink plastic part & pink - yellow - purple - white print	4-5	>4

Estimated Total Uncertainty=( ±0,5 Grade)

<b>Colour Fastness to Artificial Saliva</b>		
EN 1400:2013+A2:2018 Clause 10.7 (refer to DIN 53160-1 : 2010(Withdrawn))		
- ID: 03		
	<u>Result</u>	
Color staining on filter paper		
a) Light blue transparent part	4-5	
b) Light yellow - pink plastic part & pink - yellow - purple - white print	4-5	>4

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RESULTS  
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Test Method	Results	Requirements
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Estimated Total Uncertainty=( ±0,5 Grade)

## END OF TEST REPORT ##

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