



**YEDİTEPE ÜNİVERSİTESİ**  
**AR-GE VE ANALİZ MERKEZİ**  
**YÜ-AGAM**

**YÜ-AGAM KOZMETİK VE BİYOSDAL ANALİZ LABORATUVARI ANALİZ RAPORU**

**Rapor No** : KBL21001269  
**Numuneyi Gönderen / Adresi** : ENKA H JYEN ÜRÜNLER SAN. ve T.C. A.Ş. / 5.Org.San.Böl. 83.535 Nolu Cad. No: 15 ehitkamil Gaziantep/  
**Teklif No** : KBL210791-03-DLR  
**Analizin Başlama ve Biti Tarihi** : 15/12/2021 / 28/01/2022  
**Numune Kabul Tarihi** : 15/12/2021  
**Numune Geliştirme / Sıcaklığı** : Kargo / 20 °C  
**Numune Türü** : BABY SHAMPOO  
**Ambalaj** : Orijinal Ambalaj  
**Ambalaj Miktarı** : 1  
**Üretim ve SKT** : 23/07/2020 / 23/07/2023  
**Seri - Lot** : PN:002 24072065K3R  
**Miktar** : 1 Adet  
**Üretici Firma/Marka** : / PADDLERS  
**Raporun Yayınlandığı Tarih** : 31/01/2022





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Sıra No	Analiz	Analiz Metodu	Ölçüm Limiti	Geri Kazanım	Analiz Sonuçları	Limit Değeri	Değerlendirme
1	Dermatolojik Test (15 Gönüllü-Hassas Cilt) (A)	Patch Test	-	-	İritasyon veya Alerjenite Tespit Edilemedi		

Yapılan muayene ve analiz sonucunda yukarıda belirtilen değerler tespit edilmiştir.

- Not 1. Bu Analiz raporu reklam amacıyla kullanılamaz.  
Not 2. Bu analiz raporunun hiçbir bölümü tek başına veya ayrı ayrı kullanılamaz.  
Not 3. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.  
Not 4. Zin alınmadan raporlarımız çoğaltılamaz ve yayınlanamaz. mzasız raporlar geçersizdir.  
Not 5.(\*) Aretli analizde laboratuvarımız TÜRKAK'tan akreditedir.  
Not 6. (\*\*) Aretli analizde laboratuvarımız T.C. Tarım ve Orman Bakanlığı'ndan yetkilidir.  
Not 7. (\*\*\*) Aretli analizde laboratuvarımız T.C. Tarım ve Orman Bakanlığı'ndan yetkili, TÜRKAK'tan akreditedir.  
Not 8. Uygunluk beyanı, genel belirsizlik için %95 kapsama olasılına dayanmaktadır.  
Not 9. Mü teri tarafından sağlanan, numune ile ilgili bilgi ve hizmetlerin, analiz sonuçlarına etkisinden laboratuvarımız sorumlu değildir.  
Not 10. Numune alma işlemi laboratuvarımız tarafından yapılmamış olup, sonuçlar numunenin teslim alındığı hali için geçerlidir.  
Not 11. Bu rapora ait analiz sonucu sadece belirtilen numune türü ve seri-lot numarası için geçerlidir.  
Not 12. (A) İlgili analiz tedarikçi laboratuvarında BST/2021/12/0814-1/21 rapor no'lu analiz sonuçları esas alınarak eklenmiştir.

**Mikrobiyoloji Laboratuvarı Birim**

**Sorumlusu**

Neşe GÜLDÜR ÇALIK

Biyolog

31/01/2022

**Numune Kabul ve Rapor Düzenleme Birim Sorumlusu**

Sedat Süleyman DEM RTA

Kimyager

31/01/2022

**Gıda Kontrol Laboratuvar Müdürü**

Hikmet Turul TEKEL

Yüksek Kimyager

31/01/2022

**Laboratuvarlar Grup Müdürü Genel Müdür**

Sibel M EK YAZICI

Kimya Mühendisi

31/01/2022



**THE REPORT FROM DERMATOLOGICAL RESEARCH  
OF COSMETIC PRODUCT  
BST/2021/12/0814-1/21**

**Product** KBL21001269-BABY SHAMPOO

**Responsible Person** YÜ-AGAM

Acıbadem Mahallesi Bağ Sokak No: 8 İSTEK Vakfı Binası Kadıköy - İstanbul

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**DERMATOLOGICAL RESEARCH**  
**BST/2021/12/0814-1/21**

**1. RESEARCH BASIS**

Order date	23.12.2021
Research time frame	27.12.2021-03.01.2022
Order number	2021/12/0814-1

<b>Responsible person name</b>	
Company name	YÜ-AGAM
Address	Acıbadem Mahallesi Bağ Sokak No: 8 İSTEK Vakfı Binası Kadıköy - İstanbul

**2. SUBJECT OF THE STUDY**

**2.1. Ingredients**

<b>Product name</b>	<b>KBL21001269-BABY SHAMPOO</b>
Ingredients	Aqua , Sodium Laureth Sulfate , Cocamidopropyl Betaine , Lauryl Glucoside , Coco-Glucoside,Glyceryl Oleate , Polysorbate 20 , PEG/PPG -120/10 Trimethylolpropane Trioleate , Laureth-2 , PEG-7 Glyceryl Cocoate , Polyquaternium-10 , Sodium Chloride , Potassium Sorbate , Sodium Benzoate , Parfum ,Benzophenone-4 , Citric Acid , Tetrasodium EDTA , CI 19140, CI 17200.

**2.2. Product characteristic**

Product appearance	Orange liquid
Product purpose	Hygiene

The responsible person is responsible for conformity with declared qualitative and quantitative and microbiological purity of the delivered research samples.

**3. METHODOLOGY**

- The study was conducted in accordance with Regulation of the European Parliament and Council Regulation (EC) No 1223/2009 of 30 November 2009 on cosmetics.
- The study was conducted in accordance with recommendation of Cosmetics Europe – The Personal Care Association Guidelines:
  - product test guidelines for the Assessment of Human Skin Compatibility 1997,
  - guidelines for the evaluation of the Efficacy of Cosmetic Products 2008.
- The assessment of the allergenic and irritant features was made on a group of 15 healthy volunteers with sensitive skin, without allergy to any of the formulation ingredients. The subjects obliged to following all the guidelines

**DERMATOLOGICAL RESEARCH**  
**BST/2021/12/0814-1/21**

included in the procedures of particular carefulness during the study. The patch tests were assessed after 48 and 72 hours.

- Examination was performed with the semi open patch test using Finn Chamber patches.

**4. THE AIM OF STUDY**

The study conducted in order to determine local skin tolerance of the product in a group of healthy volunteers with increased sensitivity and positive allergenic screening of the skin to establish possible irritant and/or sensitizing properties of the product.

**5. SUBJECT – VOLUNTEERS SELECTION**

The selection of probants – volunteers was conducted by a dermatologist according to the Declaration of Helsinki of 1964 (with subsequent amendments), Polish laws, Cosmetics Europe directives with applying inclusion and exclusion criteria. 15 skin-healthy volunteers aged 26-54 (both men and women) were chosen to become subjects in the study. All the volunteers were familiar with the procedure of the study and signed conscious consent to take part in the study.

The application of the patch tests was preceded by a health survey including information on the present and former illnesses, the survey on coexisting skin problems (allergy issues included) and dermatology examination assessing, above the others, the type of skin and presence of any pathological changes on the skin.

The skin, where the patch tests were applied, was healthy, free of skin lesions.

The subjects were informed not to expose their skin to UV radiation or to take any anti-histamine or other pharmaceutical drugs (both systemic and local) which could come into interference with the applied product and have any influence on the results of the study.

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**6. EVALUATION PARAMETERS**

Evaluation scale		
Classification	Description	Interpretation
-	No skin changes	Negative
?+	Faint, non-palpable erythema	Doubtful reaction
+	Palpable erythema	Weak reaction
++	Strong erythema, papules	Strong reaction
+++	Strong erythema, papules, vesicles or/and ulceration	Extreme reaction
IR	Inflammation sharply limited to the exposed area, lack of infiltrate, small petechiae, pustules and efflorescences other than papules and vesicles	Irritant reaction, this kind of reactions may cause many problems upon interpretation

**7. RESULTS**

Volunteers characteristic				Results after 48h	Results after 72h
No.	Sex	Age	Skin parameters	Skin reaction	Skin reaction
1	W	26	S	-	-
2	W	35	S	-	-
3	M	38	S	-	-
4	W	35	S	-	-
5	W	33	S	-	-
6	W	32	S	-	-
7	W	34	S	-	-
8	W	31	S	-	-
9	W	42	S	-	-
10	M	41	S	-	-
11	W	30	S	-	-
12	M	36	S	-	-
13	W	54	S	-	-
14	W	34	S	-	-
15	W	43	S	-	-

Skin : S – sensitive, A - positive allergic screening.

Skin type: N – normal, D – dry, C - combination, O - oily

W – woman, M – man

**RESULTS:** In 15 subjects, the results of patch tests were **negative**, which means that the product does not cause irritation or allergy reaction in those subjects.

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**8. CONCLUSION**

1. Having carried out the patch tests on the chosen population with increased sensitivity of the skin, it has been determined that the product **KBL21001269-BABY SHAMPOO** should not cause any irritating effect.
2. The results of the study apply only to the individuals not allergic to any ingredient in the product.
3. The product meets the requirements of the skin tolerance test and may be estimated as **non-irritant**.
4. The **KBL21001269-BABY SHAMPOO** meets the requirements of the cosmetics products with declared human health safety properties.
5. Issued opinion does not include the ingredient analysis of the product.