



T.C.
TARIM ve ORMAN BAKANLIĞI
MRL ÖZEL GIDA KONTROL LABORATUVARI
(TURKISH REPUBLIC MINISTRY OF AGRICULTURE AND FORESTRY
MRL PRIVATE FOOD CONTROL LABORATORY)
MUAYENE VE ANALİZ RAPORU
(ANALYSIS REPORT)



Test
TS EN ISO/IEC 17025
AB-0184-T

AB-0184-T

11904186

04.04.2019

Tarih (Date) : 04.04.2019

Rapor No (Report No) : 11904186

Analiz Amacı (Reason of Analysis) : ÖZEL İSTEK (PRIVATE REQUEST)
Numuneyi Gönderen / Adres (Sample sent by / Address) : MND KAHVALTILIK GIDA SAN TİC.A.Ş./ANKARA
Numune Alma Tutanağının Tarihi / Sayısı (Date and Number of Sampling Protocol) : - / -
Numunenin (Sample's)
Cinsi (Type) : Bal (T8 Süzme) (Honey)
Miktarı/Adedi (Amount/Pieces) : 432 g
Ambalajı (Package) : Kapaklı Cam Kavanoz (Covered Glass Jar)
Seri No / Parti No / Mühür No (Serial No / Lot No / Seal No) : - / 01 / -
Üretici-Firma Adı / Kodu (Producer-Firm Name / Code) : - / -
Marka (Brand) : -
Üretim ve Son Kullanma Tarihi (Production and Expire Date) : - / -
Alındığı Yer ve Tarih (Location and Date of Sampling) : - / -
Numuneyi Alan (Sample taken by) : Tuğba Ersoy
Numune Kod Numarası (Sample Code Number) : 31
Analiz Başlama ve Bitiş Tarihi (Date of Beginning and End of Analysis) : 02.04.2019 / 04.04.2019
Laboratuvara Geliş Şekli ve Tarihi (Delivery of sample / Date of receipt) : Kargo (by Cargo) / 02.04.2019 16:07

Yapılan Analizler (Analyses)	Sonuç/Ölçüm Belirsizliği (Result/Uncertainty)	Ölçüm Limiti (LOQ)	Birim (Unit)	Geri Kazanım (Recovery)	Analiz Metodu (Analyses Method)
Nem(Rutubet) (Moisture) ¹	16.12		%		IHC, S.09-11
Diastaz Sayısı (Number Of Diastase) ¹	10.6				IHC, S.38-40
Elektriksel İletkenlik (Electrical Conductivity)	1.05		ms/cm		IHC, S.15-17
Prolin (Prolin) ¹	533.6		mg/kg		IHC, S.58-59
pH	4.31				IHC, S.20-22
Serbest Asitlik (Free Acidity)	32.5		meq/kg		IHC, S.20-22
HMF (Hydroxymethylfurfural) ¹	27.2	1.0	mg/kg		IHC, S.25-27
Delta C13 Değerleri ve C4 Şekeri (Delta C13 value and C4 Sugars) ¹					AOAC 998.12
C4 Şekerleri Oranı (C4 Sugars Ratio)	4.2		%		
C13 Değerleri Arasındaki Fark (Differences Between C13 Values)	-0.65		‰		
Delta C13 Protein (Delta C13 Proteins)	-25.15		‰		
Delta C13 Ham Bal (Delta C13 Raw Product)	-24.50		‰		
Şeker Kompozisyonu (Sugar Composition) ¹					AOAC 977.20
Fruktoz (Fructose)	34.1		g/100 g		
Glukoz (Glucose)	31.0		g/100 g		
Maltöz (Maltose)	Tespit Edilemedi (Not Detected)	0.5	g/100 g		
Sakkaroz (Sucrose)	2.4	0.5	g/100 g		
Fruktoz/Glukoz (Fructose/Glucose)	1.10				
Fruktoz+Glukoz (Fructose+Glucose)	65.1		g/100 g		

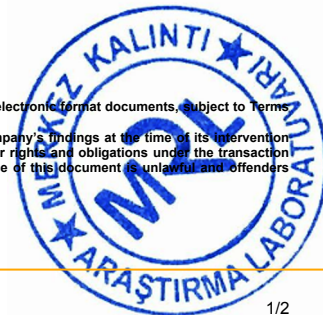
Not: 5070 sayılı Elektronik İmza Kanunu gereği elektronik imza ile imzalanmıştır.

E-imzalı belge doğrulama linki: <https://trilms.sgs.com/Eimza/EimzaKontrol.aspx?ID=ec137442-5b07-4569-a149-52dc303ecb3a10>

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Yapılan muayene ve analiz sonucunda yukarıda belirtilen değerler tespit edilmiştir. (Above-mentioned values have been determined from examinations and analysis.)
Deneysel laboratuvarı olarak faaliyet gösteren MRL Merkez Kalıntı Araştırma Laboratuvarı, TÜRKAK'tan AB-0184-T ile TS EN ISO/IEC 17025:2012 standardına göre akredite edilmiştir. Geçiçi, gezici tesis veya müşteri tesislerinde faaliyet alanı bulunmamaktadır. (MRL Central Research and Control Laboratory is accredited by TURKAK under registration number AB-0184-T for TS EN ISO/IEC 17025:2012 as testing laboratory. No activity is performed at sites away from permanent facility, in associated temporary or mobile facilities or at a customer's facility.)

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- LOQ: Minimum Ölçüm Limiti (LOQ: Limit Of Quantitation)

Açıklamalar (Description)

¹:Bu analiz akreditasyon kapsamındadır. (This analyze covered by accreditation.)

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04.04.2019

Tasdik Olunur (Approved by)
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ORHAN GÖZEN

Not: 5070 sayılı Elektronik İmza Kanunu gereği elektronik imza ile imzalanmıştır.

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