



**BİLAL SÂBUNCU**  
YAĞ VE SABUN SANAYİİ VE TİC.AŞ.

## CERTIFICATE OF ANALYSIS

<b>Product</b>	<b>Bar Soap</b>
Manufacturer	Bilal Sabuncu
Product Name	Rubis 100 gr Flowpack Soap

<b>ANALYSIS</b>	<b>METHOD</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>
Appearance	Visual	Bar Soap	White soap
Odour	organoleptic	Chartacteristic parfum	Unique smell
Moisture Content	TS 54	NMT 17.0 %	17.0 %
Cracking Test	In-house method	In-house	Not cracking
Unsaponified Saponifiable Matter	TS 54	MAX. 0.2 %	0.1 %
Glycerol content	In-house method	In-house	5.20 %
Insoluble matter in alcohol	TS 54	MAX. 2.5 %	1.1 %
Total Fatty Matter Content	TS 54	MIN. 74.0 %	75.5%
Temperature Hardening	-	-	36-42 °C
Salt (Contents of Chlorides)	TS 54	NMT 1.0 %	0.62 %
Alkaline (Free Caustic Alkali)	TS 54	NMT 0.05 %	0 %
Alkaline ( Total Free Alkali)	TS 54	NMT 0.05 %	0 %
Microbiological Tests	TS EN ISO 21149	NMT 10 cfu/g	Absent
Aerobic mesophilic bacteria	TS EN ISO 22718	Absent	Absent
Staphylococcus Aeurus	TS EN ISO 22717	Absent	Absent
Pseudomas Aeruginosa	TS EN ISO 18416	Absent	Absent
Candida Albicans	TS EN ISO 16212	NMT 10 cfu/g	Absent
Mold and Yeast			

The results meet the specifications

*Approved by*

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