

Akosoft 36

Product number(s) | Site(s) of manufacturing

8547 | AAK-SE

Version

06

Document date

2022.02.04

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Description

Akosoft 36 is obtained by transesterification and deodorisation of vegetable oils.
Akosoft 36 conforms to EP (Hard Fat).

INCI: Hydrogenated Coco-glycerides, Vegetable Oil (US)

CAS number: 91744-42-2, Alternative CAS. No 67701-28-4, 68956-68-3 EC number: 294-604-3. Alternative EC. No 266-946-3

Application

Akosoft 36 is a semisolid fat for use in carrier systems for gelatin capsules, and for topical preparations as base in ointments and creams. Akosoft 36 has a good oxidation stability, which provides final products with excellent shelf life.

Specifications

Acid value (mg KOH/g)	Max 0,5	IUPAC 2.201(m)
Peroxide value (meq/kg)	Max 1,0	AOCS Cd 8b-90(m)
Iodine value Wijs	Max 3	IUPAC 2.205
Alkaline impurities (ml)	Max 0,15	EP
Slip melting point (°C)	32 - 36	AOCS Cc 3-25
Hydroxyl value (mg KOH/g)	Max 10	AOCS Cd 13-60(m)
Saponification Value (mg KOH/g)	240 - 260	IUPAC 2.202
Unsaponifiable matter (%)	Max 0,6	AOCS Ca 6a-40
Heavy metals (mg/kg)	Max 1	AAK
Total ash (%)	Max 0,05	EP 2.4.16

Typical values

Solid fat content		IUPAC 2.150(a)
10°C (%)	73	
20°C (%)	40	
30°C (%)	7	
35°C (%)	3	
40°C (%)	1	

Additives

None

Packaging

Drums of 185 kg

Above product is produced according to relevant national legislation. Specified values are guaranteed ex-works AAK factories.
As the specific application is beyond our control, users should conduct their own tests to assure the suitability of the product for a specific application.



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Storage

Akosoft 36 should be stored in dark, dry and odour free conditions. Recommended storage temperature is 15-20°C or below. Lower storage temperature will increase the shelf life.

Shelf life

When stored in unopened original container according to recommended storage conditions, the recommended maximum storage time is two years from production date. Within this time Akosoft 36 fulfils the shelf life specification.

Shelf life specification

Peroxide value (meq/kg) max 3

Acid value max 0.5

Other information

For additional information about ecological data, shelf life etc see Product Documentation.

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