

মালামালের কারিগরি বিনির্দেশ (ডিপি-৫)

SPECIFICATION NO. 163
SOYABEAN OIL

1. Description. It is pale a yellow coloured, clean liquid and free from rancidity, adulterants, sediments, suspended and other foreign matters. The material shall be obtained from clean and sound soyabean seeds (the seeds of glycine max (L) merr) by a process of expression or extraction. It has satisfactory taste and smell.

2. Examination.

a. Specified limit.

(1)	Rancidity	:	Nil.
(2)	Relative density (at 20° c)	:	0.919-0.925.
(3)	Refractive index (at 40° c)	:	1.466-1.470.
(4)	Iodine value is (gl ₂ /100 g)	:	120-143.
(5)	Saponification value (mg KOH/g)	:	189-195.
(6)	Acid value (mg KOH/g)	:	0.6 max.
(7)	Freezing test	:	Complies.
(8)	Vitamin 'A'	:	15-30 mg/per kG

3. Packing-Plastic Food Grade Container. The oil shall be packed in new sterilized Plastic Food Grade Container, i.e in Poly Ethylene Terephthalate (PET) bottle. PET bottle shall contain 4.5 KG net of Soyabean Oil. Each PET bottle shall be 140 gram (115 gram bottle and 25 gram cap+handle) weight (5% less /more). Containers shall be sealed, after oils content is filled. PET bottles shall be supplied in 'Paper carton box'. Each paper carton box shall contain 4 to 6 x PET bottle. Carton box shall be made of 7 layer brown paper and containers should be packed properly in carton box to avoid pilferage.

4. Marking.

a. Each Carton Box shall be labeled/stencilled with the following particulars:

- (1) Name of the content e.g. SOYABEAN OIL.
- (2) Contract No.
- (3) Name of manufacturer.
- (4) Date of Manufacture.
- (5) Gross weight.
- (6) Tare weight.
- (7) Net weight of contents (in KG).
- (8) Warranty period.

5. Inspection. Inspection of supplies tendered for acceptance shall be carried out by an officer acting on behalf of DST. Manufacturer quality control certificate must be handed over to the officer before taking the sample. The inspection officer shall draw representative sample from the consignment and submit them to AFFDL Dhaka Cantt for analysis and report.

6. The analytical report of AFFDL shall be forwarded to DST whose decision regarding the consignment shall be final and the delivery shall be as per the sample approved by AFFDL in all respects.

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মোঃ রেফাত আল মুর্শজা
মেজর
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প্রতিরক্ষা ক্রয় মহাপরিদপ্তর