



Industriestraße 61-65  
D-21107 Hamburg

## Specification

### Soyabeanoil, refined veg.

CAS no.: 8001-22-7  
EINECS no.: 232-274-4  
Chemical Designation: Soyabeanoil, refined  
Physical Description: Clear, yellowish liquid

| Parameter   | Test Method         | Specification   |
|---|---------------------|-----------------|
| Iodine value (Hanus)  | DGF C-V 11a         | 124 – 139       |
| Colour (FAC)  | AOCS Cc 13a         | ---             |
| Colour (Lovibond 5 ¼" yellow)   | DGF C-IV 4b         | ---             |
| Colour (Lovibond 5 ¼" red)  | DGF C-IV 4b         | max. 1,2        |
| Free fatty acids (%)  | DGF C-III 4         | max. 0,1        |
| Water (%)   | Karl Fischer        | max. 0,1        |
| Peroxide value (meq O <sub>2</sub> /kg)   | DGF C-VI 6a         | max. 1,0        |
| Taste   | Organolept          | neutral / bland |
| Odour   | Organolept          | neutral / bland |
|   |                     |                 |
| <u>C-Chain distribution (%)</u>   | <u>DGF C-VI 10a</u> | <u>Typical</u>  |
| Trans fatty acids   | DGF C-VI 10a        | max. 1,5        |
| <C-14:0   | DGF C-VI 10a        | ---             |
| C-14:0  | DGF C-VI 10a        | max. 0,2        |
| C-16:0  | DGF C-VI 10a        | 8,0 – 13,5      |
| C-16:1  | DGF C-VI 10a        | ---             |
| C-17:0  | DGF C-VI 10a        | ---             |
| C-18:0  | DGF C-VI 10a        | 2,0 – 5,4       |
| C-18:1  | DGF C-VI 10a        | 17,0 – 30,0     |
| C-18:2  | DGF C-VI 10a        | 48,0 – 59,0     |
| C-18:3  | DGF C-VI 10a        | 4,5 – 11,0      |
| C-20:0  | DGF C-VI 10a        | 0,1 – 0,6       |
| C-20:1  | DGF C-VI 10a        | max. 0,5        |
| C-20:2  | DGF C-VI 10a        | max. 0,1        |
| C-22:0  | DGF C-VI 10a        | max. 0,7        |
| C-22:1  | DGF C-VI 10a        | max. 0,3        |
| C-22:2  | DGF C-VI 10a        | max. 0,1        |
| C-24:0  | DGF C-VI 10a        | max. 0,5        |
| <p>Might contain traces of genetically modified rawmaterial / genetically modified organism (GMO) as per EU-legislation 1829/2003.<br/>           --- = not specified<br/>           DGF = Deutsche Gesellschaft für Fettwissenschaft<br/>           AOCS = American Oil Chemists Society</p> |                     |                 |
|   |                     |                 |