

## Quality FA 5 – Chemical refining Sustainable Sunflower Fatty Acid

### GENERAL PRODUCT SPECIFICATION

Origin Europe

PRODUCT CHARACTERISTICS		
QUALITY STANDARDS	LIMIT	DETERMINING METHOD
Iodine number (gI <sub>2</sub> /100g)	110-141	Iodometric titration
Unsoap matter % (m/m)	Max.10	Gravimetry
Water content % (m/m)	Max.1,5	KF titration
Free fatty acid (as oleinic) % (m/m)	70±10	Volumetry
Appearance	Transparent	Senzoric test
Taste and odour	Typical	Senzoric test
Fatty acid structure %(m/m) C18:2	Min. 50	GC/FID

HEAVY METAL, CALCULATED ON 12% MOISTURE	LIMIT	DETERMINING METHOD
Lead content (Pb) (mg/kg)	Max.10	ICP/MS
Cadmium content (Cd) (mg/kg)	Max.1	ICP/MS
Mercury content (Hg) (mg/kg)	Max.0,1	ICP/MS
Arsenic content (Fe) (mg/kg)	Max.2	ICP/MS

THE CONTENT OF C-C	LIMIT	DETERMINING METHOD
The content of C10 - C40 (mg/kg)	1000	GC/MS