Overview of the sampling results at producers and warehouse operators of AGQM in 2025

Parameter	Unit	DIN EN 14214		95% Quantile* 2025
		min.	max.	
Ester Content	% (m/m)	**96.5**	**-**	**97.6**
Sulfur Content	mg/kg	**-**	**10**	**7.0**
Water Content (Producers)	% (m/m)	**-**	**0.050** **0.027****	**0.024**
Total Contamination	mg/kg	**-**	**24** **20****	**19**
Oxidation Stability (at 110 °C)	h	**8.0**	**-**	**8.9**
Acid Number	mg KOH/g	**-**	**0.50**	**0.47**
Iodine Number	g Iodine / 100 g	**-**	**120**	**116**
Linolenic Acid Methyl Ester	% (m/m)	**-**	**12.0**	**9.9**
Free Glycerol	% (m/m)	**-**	**0.02**	**0.019**
Monoglyceride Content	% (m/m)	**-**	**0.70**	**0.56**
Diglyceride Content	% (m/m)	**-**	**0.20**	**0.18**
Triglyceride Content	% (m/m)	**-**	**0.20**	**0.14**
Total Glycerol Content	% (m/m)	**-**	**0.25**	**0.20**
Alkali Metal Content (Na+K)	mg/kg	**-**	**5.0**	**1.8**
Alkaline Earth Metal Content (Ca+Mg)	mg/kg	**-**	**5.0**	**0.1**
Phosphorus Content	mg/kg	**-**	**4.0**	**0.4**

* The 95% Quantile describes the value below or above which 95% of all results are laying (excluding products with limit violations and products for which special limit values apply).
** Limits requested by AGQM.

Parameter	Unit	DIN EN 14214		95% Quantile* 2025
			max.	
Cloudpoint (blend component for Diesel)	°C	16.11. to 29.02	**-3**	**-6**
		15.04. to 30.09.	**5**	**-6**
		01.10. to 15.11	**0**	**-***
CFPP (blend component for Diesel)	°C	16.11. to 29.02	**-10**	**-16**
		15.04. to 30.09.	**0**	**-17**
		01.10. to 15.11	**-5**	**-***

* The 95% Quantile describes the value below or above which 95% of all results are laying (excluding products with limit violations and products for which special limit values apply).
*** No sampling was carried out during the transition period in 2025.