



Gage Products Company Technical Data Sheet

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En 14214 RME Biodiesel
40680-55F

| Test | Method | UOM | Specification |
|-------------------------------------|------------|-------------------------|---------------|
| ACID NO. | ASTM D974 | MG KOH/G | 0.000 - 0.500 |
| CARBON RESIDUE 10% | ASTM D189 | WT. % | 0.00 - 0.30 |
| CETANE NUMBER | ASTM D613 | CETANE NO. | 51.0, MIN. |
| COPPER CORROSION | ASTM D130 | COPPER CORR. | 1, MAX. |
| DENSITY @ 15.00 C | ASTM D4052 | KG/M ³ | 860.0 - 900.0 |
| METHYL ESTER CONTENT | EN 14103 | WT. % | 96.5, MIN. |
| PMCC FLASHPOINT | ASTM D93 | DEG C | 120, MIN. |
| FREE GLYCEROL CONTENT | EN 14105 | WT. % | 0.02, MAX. |
| TOTAL GLYCEROL | EN 14105 | WT. % | 0.25, MAX. |
| MONOGLYCERIDE CONTENT | EN 14105 | WT. % | 0.8, MAX. |
| DIGLYCERIDE CONTENT | EN 14105 | WT. % | 0.2, MAX. |
| TRIGLYCERIDE CONTENT | EN 14105 | WT. % | 0.2, MAX. |
| IODINE VALUE | EN 14111 | G I ₂ /100 G | 120, MAX. |
| LINOLENIC ACID METHYL ESTER | EN 14103 | WT. % | 12, MAX. |
| METHANOL CONTENT | EN 14110 | WT% | 0.20, MAX |
| RANCIMAT NUMBER (OXID STAB OF B100) | EN 14112 | HOURS | 6, MIN. |
| PHOSPHORUS CONTENT | EN 14107 | MG/KG | 10.0, MAX. |
| POLYUNSATURATED METHYL ESTERS | EN 15779 | WT. % | 1.00, MAX. |
| SULFATED ASH CONTENT | ASTM D874 | WT. % | 0.000 - 0.020 |
| SULFUR CONTENT | ASTM D5453 | MG/KG | 10, MAX. |
| TOTAL CONTAMINATION | ASTM D5452 | MG/L | 24, MAX. |
| KIN. VISCOSITY @ 40C | ASTM D445 | CST | 3.50 - 5.00 |
| WATER CONTENT | ASTM E1064 | PPM | 0.0 - 500.0 |
| SODIUM + POTASSIUM IN B100 | EN 14538 | MG/KG | 5.0, MAX. |
| CALCIUM AND MAGNESIUM | EN 14538 | MG/KG | 5, MAX. |

NOTE: This information is offered for your consideration, investigation, and verification. It should not be construed as a warranty or guaranty.

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