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SALES SPECIFICATIONS

Code nr: 12 Revision: 02 Date: 15/02/08Issued by **R&S**

(funzione e sigla)

Approved by: **DC**

(funzione e sigla)

Copia per: Sales - Quality control - Production - Quality assurance

PRODOTTO: BIODIESEL for AUTOMOTIVE FUEL

Chemical-physical specifications	Unit	Values of specification	Analytical method	
			UNI	POLIOLI
Ester Content	% (m/m)	96,5 min	EN 14103	073
Density at 15° C	kg / m ³	860-900	EN ISO 3675	074
Viscosity at 40°C	mm ² /s	3,5-5,0	EN ISO 3104	
Flash point (Pensky - Martens)	°C	125 min	EN ISO 3679	076
Sulphur content	mg/kg	10 max	EN ISO 20846-20884	
Coke residue (from 10% dest.residue)	% (m/m)	0,30 max	EN ISO 10370	
Ceten - Number		51 min	EN ISO 5165	
Ash content (sulphated ash)	% (m/m)	0,02 max	ISO 3987	077
Water content	mg / kg	500 max	EN ISO 12937	078
Total contamination	mg / kg	24 max	EN 12662	
Corrosion on copper (3h a 50°C)	class	1st	EN ISO 2160	
Oxidation stability , 110°C	h	6,0	EN 14112	
Acid value	mg KOH/g	0,5 max	EN 14104	080
Iodine value	g J/100 g	120	EN 14111	081
Content of linolenic acid methyl ester	% (m/m)	12 max	EN 14103	073
Content of fatty acid methyleste with (≤4 double bouns	% (m/m)	1 max		
Methanol content	% (m/m)	0,20 max	EN 14110	082
Monoglyceride content	% (m/m)	0,80 max	EN 14105	083
Diglyceride content	% (m/m)	0,20 max	EN 14105	083
Triglyceride content	% (m/m)	0,20 max	EN 14105	083
Free Glycein content	% (m/m)	0,02 max	EN 14105	083
Total Glycerin content	% (m/m)	0,25 max	EN 14105	083
Group 1 metals (Na + k +)	mg / kg	5,0 max	EN 14108-EN 14109	
Group 2 metals (Ca ++ Mg++)	mg / kg	5,0 max	pr EN 14538	
Phosphorus content	mg / kg	10,0 max	EN 14107	
CFPP (Cold filter plugging point)	°C		EN 116	084

Note: **SPECIFICATION : UNI 14214**Stato di fornitura/imballo: bulk

Accettazione della specifica da parte del cliente

Fornitore	Funzione	Firma	Data
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