TECHNICAL SPECIFICATIONS

MicroC® 4200

Product Description

MicroC® 4200 is a proprietary wastewater treatment chemical developed by Environmental Operating Solutions, Inc. MicroC® 4200 was designed specifically for use as an electron donor / carbon source for wastewater denitrification applications.

Physical Properties / Specifications

TEST	Limit	Typical Value	Method
Appearance	Free of suspended, settled or floating matter	Free of suspended, settled or floating matter	ASTM E2680-09
Glycerin (%, w/w)	Minimum 70 Maximum 74	71%	ASTM D7637-10
Methanol (%, w/w)	Maximum 0.3	< 0.1%	EN 14110
Specific Gravity @ 20°C	Minimum 1.19 Maximum 1.30	1.22	ASTM D891-00
Viscosity cP @ 20°C cP @ 5°C	 Maximum 75 Maximum 300	 45 cPs 130 cPs	ASTM D2196
pH	Minimum 4.0 Maximum 11.0	6	ASTM E-70
Flash Point (°C)	No Flash to 93C	No Flash	ASTM D93
Fatty Acid (%, w/w)	Maximum 1.00%	0.3%	NIR
COD (mg/L)	Minimum 1,050,000 Maximum 1,250,000	1,100,000	ASTM D1252 (dilution in water)
Ash (%, w/w)	Maximum 9%	5.5 %	AOCS Ca 11-55
Pressure Filtering	Maximum 25 Microns	25 Micron	ASTM E11-09e1

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

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