

3745-27-46

DRAFT

Page 23

TABLE 1

PARAMETER	CONCENTRATION LIMIT (MG/KG DRY WEIGHT)	PREPARATION METHODS	ANALYTICAL METHOD
ARSENIC	41	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7060 OR U.S. EPA 7061A
CADMIUM	39	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7130 OR U.S. EPA 7131
COPPER	1500	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7210
LEAD	300	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7420 OR U.S. EPA 7421
MERCURY	17	AOAC 971.21 OR U.S. EPA 7470 OR U.S. EPA 7471	AOAC 971.21 OR U.S. EPA 7470 OR U.S. EPA 7471
NICKEL	420	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7520
SELENIUM	100	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7740 OR U.S. EPA 7741A
ZINC	2800	AOAC 975.03 OR U.S. EPA 3050 OR U.S. EPA 3051	U.S. EPA 6010A U.S. EPA 7950 U.S. EPA 7951

3745-27-46

DRAFT

Page 24

TABLE 2

PARAMETER	CONCENTRATION LIMIT MG/KG DRY WEIGHT	ANALYTICAL METHOD
ORGANIC CONSTITUENTS VOA	PRACTICAL QUANTITATION LIMIT	U.S. EPA 8260
TOTAL PETROLEUM HYDROCARBONS	105.0	U.S. EPA 8015
PCB	1.0	U.S. EPA 8080
BENZENE	0.006	U.S. EPA 8260* OR U.S. EPA 8020
TOLUENE	4.0	U.S. EPA 8260 OR U.S. EPA 8020
ETHYL BENZENE	6.0	U.S. EPA 8260 OR U.S. EPA 8020
XYLENE	28.0	U.S. EPA 8260 OR U.S. EPA 8020
BORON	10.0	AQAC 985.01C AND U.S. EPA METHOD 6010A

[* NOTE: THE DETECTION LIMIT IS 0.002 MG/KG. IN ACCORDANCE WITH PARAGRAPH (H)(5), THE SAMPLE USED FOR THE DETERMINATION OF THE LEVEL FOR BENZENE PRESENT MUST BE PREPARED AS IF THE CONCENTRATION LIMIT WERE 0.002 MG/KG TO DECREASE THE PERCENT ERROR WHEN USING U.S. EPA 8260 FOR DETECTION AT SUCH LOW CONCENTRATION.]

3745-27-46

18

Table 3

Fecal coliforms	Preparation and analytical methods with a limit of less than 1000 Most Probable Number per gram of total solids (dry weight)(1000 MPN/GTS).	Standard methods part 9221E or part 9222D	Standard methods 9260D and either 9222D or 9221E
<i>Salmonella</i> spp.	Preparation and analytical methods with a limit of less than 3 Most Probable Number per 4 grams of total solids (3MPN/4GTS)	Standard method part 9260D	

3745-27-46

Table 4

Foreign matter	1.0% by weight on No. 5 sieve (4mm screen) and no more than a fourth of this foreign matter may be plastic.	U.S. EPA 160.3	Detailed below
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Method for determining percent foreign matter

Foreign matter content shall be determined by passing a dried, weighed sample of not less than 100 grams of the cured compost through a U.S. standard No. 5 sieve (4 millimeter). The material remaining on the screen shall be inspected and the foreign matter shall be separated and weighed. The weight of the foreign matter divided by the total weight of the cured compost sample and multiplied by one hundred shall be the percent dry weight of the foreign matter content.

[Comment: Rule 3745-27-01 of the Administrative Code defines foreign matter as "inorganic and organic constituents that were not readily decomposed during composting including, but not limited to: plastics, glass, textiles, rubber, leather, metal, ceramics, styrofoam, sharp objects, and painted, laminated, or treated wood and bark".]

3745-27-46

DRAFT

Page 26

TABLE 5

PARAMETER	ANALYTICAL METHOD
MATURITY	DEWAR-FLASK METHOD TEST OR SOLVITA TEST OR PHYTOTOXICITY AND SEEDLING-GROWTH RESPONSE OR Q2/CO2 RESPIROMETRY
PH	NORTH CENTRAL REGIONAL (NCR) PUBLICATION 221 OR U.S. EPA 9045C SOIL PH OR ASTM D 2976-71
SALINITY	NCR PUBLICATION 221
TOTAL NITROGEN	DUMAS METHOD (N-ANALYZERS)
TOTAL ORGANIC CARBON	U.S. EPA 9060
TOTAL PHOSPHOROUS	U.S. EPA 6010A OR U.S. EPA 3050 OR U.S. EPA 3051 OR U.S. EPA 365.2 OR AOAC METHOD 985.01C AND U.S. EPA 6010A OR U.S. EPA METHOD 7610
TOTAL POTASSIUM	U.S. EPA 6010A OR U.S. EPA 3050 OR U.S. EPA 3051 OR AOAC METHOD 985.01C AND U.S. EPA 6010A OR U.S. EPA METHOD 7610

THE PARAMETERS IDENTIFIED FOR TESTING IN TABLE 5 HAVE NO ASSOCIATED CONCENTRATION LIMITS. THE ANALYSIS IS NECESSARY TO ENSURE THAT COMPOST QUALITY IS APPROPRIATE FOR THE RECIPIENT'S SPECIFIC USE OF THE COMPOST PRODUCT.

ACCEPTABLE LEVELS OF MATURITY WILL VARY ACCORDING TO END-USER APPLICATION (NOTE: CHECK DATE OF MATURITY TEST).

ACCEPTABLE PH LEVEL WILL VARY ACCORDING TO END-USER APPLICATION AND WILL GENERALLY BE IN THE 5.5 - 8.5 RANGE.

ACCEPTABLE LEVELS OF SOLUBLE SALTS WILL VARY ACCORDING TO END-USER APPLICATIONS. THE OPTIMAL RANGES FOR GROWING MEDIA (COMPOST AMENDED SOIL) IS 0.5 TO 4.5 MMHOS/CM.

COMPOST PRODUCERS MAY PROVIDE PH AND SOLUBLE SALTS INFORMATION IN