

TECHNICAL COMPOST (QUALITY REQUIREMENTS)

SCOPE

Technical compost obtained from biodegradable waste

PRIOR AUTHORISATION

Not required

LATVIAN REGULATIONS

Cabinet Regulation No. 571 of September 13, 2022 "[The procedure for ending the application of waste status to material obtained from biodegradable waste](#)".

CONTACTS

AUTHORITY RESPONSIBLE FOR REGULATIONS

Ministry of Climate and Energy

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MAIN REQUIREMENTS FOR ECONOMIC OPERATORS

Technical compost must meet the quality criteria set out in Annex 3 of this regulation:

I. Quality requirements for 1st quality technical compost

Indicator	Unit of measure	Value
Moisture	% (mass percent) in fresh (moist) sample	≤ 50,00
Mercury	mg/kg (for dry weight)	≤ 1,00
Zinc	mg/kg (for dry weight)	≤ 1000,00
Cadmium	mg/kg (for dry weight)	≤ 1,50
Copper	mg/kg (for dry weight)	≤ 300,00
Nickel	mg/kg (for dry weight)	≤ 36,00
Lead	mg/kg (for dry weight)	≤ 140,00
Chrome	mg/kg (for dry weight)	≤ 45,00
Arsenic	mg/kg (for dry weight)	≤ 8,00
Hydrocarbon content	mg/kg (for dry weight)	≤ 600,00
Polycyclic Aromatic Hydrocarbons (PAHs)	mg/kg (for dry weight)	≤ 80,00

Foreign bodies (glass, metal, plastic)	% (for dry mass); determined with a 10 mm sieve - dry sieving method	≤ 5,00
<i>Salmonella</i>	amount in 25 g fresh (wet) sample	0
<i>Escherichia coli</i>	CFU1 or MNP2 in 1 g fresh (wet) sample	≤ 1000,00

II. Quality requirements for quality 2 technical compost

Indicator	Unit of measure	Value
Moisture	% (mass percent) in fresh (moist) sample	> 50,00
Mercury	mg/kg (for dry weight)	> 1,00
Zinc	mg/kg (for dry weight)	> 1000,00
Cadmium	mg/kg (for dry weight)	> 1,50
Copper	mg/kg (for dry weight)	> 300,00
Nickel	mg/kg (for dry weight)	> 36,00
Lead	mg/kg (for dry weight)	> 140,00
Chrome	mg/kg (for dry weight)	> 45,00
Arsenic	mg/kg (for dry weight)	> 8,00
Hydrocarbon content	mg/kg (for dry weight)	> 600,00
Polycyclic Aromatic Hydrocarbons (PAHs)	mg/kg (for dry weight)	> 80,00
Foreign bodies (glass, metal, plastic)	% (for dry mass); determined with a 20 mm sieve - dry sieving method	≤ 10,00
<i>Salmonella</i>	amount in 25 g fresh (wet) sample	0
<i>Escherichia coli</i>	CFU1 or MNP2 in 1 g fresh (wet) sample	≤ 1000,00

Notes.

¹ CFU (colony-forming unit)

² MPN (most probable number)