



MINERALS

TECHNICAL DATA SHEET OF FILTRATION DIATOMITE F 100

MF CK 100 M				
PHYSICAL AND CHEMICAL PROPERTIES				
Filtration velocity		$\text{l} \cdot \text{min}^{-1} \cdot \text{m}^{-2}$		750 - 900
Permeability		Darcy		0,9 - 1,4
Density (wet)		$\text{kg} \cdot \text{m}^{-3}$	max.	550
Grain size/sieve residue	0,25 mm	%	max.	0
	0,045 mm	%	max.	15
Water extract pH				7 - 9
Technological humidity		%	max.	1
Loss of ignition		%	max.	0,5
Heavy metals content COMPENDIUM OF FOOD ADDITIVE SPECIFICATIONS VOLUME 1 (ROME)				
	As	$\text{mg} \cdot \text{kg}^{-1}$	<	8,0
	Pb	$\text{mg} \cdot \text{kg}^{-1}$	<	10,0
	Heavy metals	$\text{mg} \cdot \text{kg}^{-1}$	<	50,0
soluble	Al	$\text{mg} \cdot \text{kg}^{-1}$	max.	140
	Ca	$\text{mg} \cdot \text{kg}^{-1}$	max.	100
	Fe	$\text{mg} \cdot \text{kg}^{-1}$	max.	40
Smell		No		
Taste		No		
Colour		beige		

Producer:
LB MINERALS, s.r.o.
Vodárenská 170, CZ-373 12 Borovany, Czech Republic

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