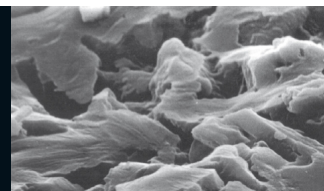


Norit Electronic Version

Datasheet



Norit A SUPRA EUR

Norit A SUPRA EUR is especially suitable as an antidote in case of poisoning and as an adsorbent for the purification of pharmaceutical products, especially for the removal of light coloured bodies and odour compounds. It has a superior adsorption capacity, resulting in an Adsorption power on Phenazone of min. 40 g/100 g. Norit A SUPRA EUR is a medicinal, steam activated carbon of 100% natural origin and has been processed to meet purification standards required for medical use.

Norit A SUPRA EUR meets the requirements of the U.S. Food Chemicals Codex (6th edition, 2008). And the latest edition of the European Pharmacopoeia.

SPECIFICATIONS

I) European Pharmacopoeia (ed. 6)

Acidity or alkalinity	max. 0.75	ml 0.02 N HCl
Acid soluble substances	max. 3	mass-%
Alcohol soluble substances	max. 0.5	mass-%
Alkali soluble coloured substances	passes test	-
Fluorescent substances	passes test	-
Sulphides	passes test	-
Copper	max. 25	ppm
Lead	max. 10	ppm
Zinc	max. 25	ppm
Loss on drying	max. 15	mass-%
Sulphated ash	max. 5.0	mass-%
Adsorption power on Phenazone	min. 40	g/100 g
Total aerobic microbial count (TAMC)	max. 1000	cfu/g
Total yeast and moulds count (TYMC)	max. 100	cfu/g

II) Norit

Methylene blue adsorption	min. 38	g/100 g
Acid soluble matter	max. 1.0	mass-%
Calcium (acid extr.)	max. 200	mg/kg
Iron (acid extr.)	max. 200	mg/kg
Magnesium (acid extr.)	max. 200	mg/kg
Moisture (as packed)	max. 10	mass-%

Pharmaceuticals

Document No.

ASUPE

Product / Application

Powdered activated carbon

Version

20 October 2009

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Norit

leading in purification

Activated Carbon

GENERAL CHARACTERISTICS

Iodine number	1550	-
Molasses number (EUR)	430	-
Methylene blue adsorption	41	g/100 g
Total surface area (B.E.T.)	1700	m ² /g
Apparent density (tamped)	420	kg/m ³
Particle size D ₁₀	4	µm
Particle size D ₅₀	20	µm
Particle size D ₉₀	100	µm
Ash content	2	mass-%
Chloride (acid extr.)	0.1	mass-%
pH	neutral	-
Filtration time	40	min

NOTES

- 1 All analyses based on Norit Standard Test Methods (NSTM)
- 2 Specifications are guaranteed values based on lot to lot quality control, as covered by Norit's ISO 9001 certification.
- 3 General characteristics reflect average values of product quality.

PACKAGING

Norit A SUPRA EUR is available in:

- Multiply paper bags of 15 kg, 48 bags per pallet, shrink wrapped (720 kg net weight per pallet)

Product availabilities depend on the type of packaging.

Caution: For health and safety related aspects please refer to the Material Safety Datasheet (MSDS), which is available on request.

Notes: Any product quality information including specifications given was valid at the time of issuance of the publication. However, we maintain a policy of continuous development and reserve the right to amend any product quality aspects without notice. All data and suggestions regarding the use of our products are believed to be reliable and given in good faith. However, they are given without guarantee, as the use of our products is beyond our control, and are not to be construed as recommendation or instigation to violate any existing patent.

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This datasheet (Issue 20 October 2009) replaces previous issues.

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