

Specification

Technical Data Sheet

CAS 7440-44-0	STORAGE Ambient	MOLECULAR WEIGHT 12.01
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PRODUCT**Norit C extra USP**

Product number	90032253
CAS number	7440-44-0
Molecular formula	C
Molecular weight	12.01 g/mol

PARAMETER	SPECIFICATION
Appearance	Black Powder
Identification	Conforms to reference
Loss on Drying	≤ 15.0%
pH	neutral
Acid soluble	≤ 3.5%
Adsorptive power: Alkaloids	passes test
Adsorptive power: Dyes	≥ 0.7ml
Bulk density	ca. 300kg/m ³
Chloride (Cl⁻)	≤ 0.2%
Cyanogen compounds	passes test
Iodine number	ca. 1000
Methylene blue adsorption	≥ 19g/100g
Moisture	≤ 10.0%
Particle size, D10	ca. 4μm
Particle size, D50	ca. 20μm
Particle size, D90	ca. 80μm

PARAMETER	SPECIFICATION
Residue on Ignition	≤ 4.0%
Specific surface area	ca. 1100m2/g
Sulphide	passes test
Uncarbonised constituents	passes test
Microbial limits	passes test
Sulphates (SO4)(2-)	≤ 0.2%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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