

Product specification

Z-COTE® LSA UC

Valid since 16.11.2020
 Revision 3.0
 WF-No. 25966
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Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

INCI name: Zinc Oxide
Chemical description: Zinc oxide
Physical form: White powder

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification	Test method
Characteristic		
Appearance	White powder	Visual
Identification		
Identification A	Must conform	USP
Identification B	Must conform	USP
Tests		
Alkalinity	Must conform	USP
Carbonate and color	Must conform	USP
Lead	Must conform	USP
Iron and other heavy metals	Must conform	USP
Loss on ignition	max. 1.0 %	USP
Assay	98.0 - 102.0 %	USP
% Particles detected below 100 nm	0.0 %	DLS (Malvern) / ASTM E2490
Arsenic	max. 6 ppm	USP
Cadmium	max. 10 ppm	ICP-OES
Lead	max. 10 ppm	ICP-OES

Only the data displayed in this document shall constitute the agreed contractual quality of the product. Chemical-physical characteristics reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.

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Notes:

The product meets the test requirements stipulated in the current version of the following monograph(s): "Zinc Oxide" Ph.Eur. / USP

Storage information

Retest period

(if appropriate storage conditions are maintained) 36 months

Storage temperature

Room temperature

Storage conditions

In original sealed containers and protected from moisture

Additional information

Do not store above + 40 °C.

Keep container tightly closed in a cool, well-ventilated place.

Prevent electrostatic charge - source of ignition should be kept well clear - fire extinguishers should be kept handy. Avoid dust formation.

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of the risk. The data are controlled at regular intervals as part of our quality assurance program.

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