TECHNICAL DATA SHEET

Carnauba wax T-1

1. Identification

Product	Carnauba wax T-1
Version	3.0
Issue date	26 Feb 2025
CAS number	8015-86-9
EC number (EINECS)	232-399-4
INCI name	COPERNICIA CERIFERA CERA
Applications	Cosmetics, candles, paints, leather, pencils, abrasives, foodstuffs, fruit processing

2. Technical specifications *

Parameter	Method	Units	Specification
Acid value	ABNT NBR 15513:2008	mg KOH/g	2.0 - 7.0
Saponification value	ABNT NBR 15513:2008	mg KOH/g	78.0 - 98.0
Impurity	ABNT NBR 16124:2012	%	<0.05
Ester value	ABNT NBR 15513:2008	mg KOH/g	71.0 - 88.0
Moisture	ABNT NBR 14709:2001	%	<0.5
Ash content	ABNT NBR 14710:2001	%	<0.10
Melting point	ABNT NBR 15564:2008	ºC	82.5 - 86.0
Colour Gardner	ASTM D1544:04 R18		2.0 - 6.0

* Not all parameters could be included in the CoAs (certificates of analysis).

3. Packaging and delivery form

- Flakes / 25 kg bag / 1,000 kg pallet

4. Storage and shelf life

Recommended storage conditions	Keep in a well-ventilated, cool and dry place in tightly sealed, unopened original containers. Avoid direct sunlight and heat sources. Once opened, use immediately.
Expiration date	Under normal storage conditions the product keeps perfectly well for 5 years.