

ORIGINAL

Certificate of Analysis

Product : CARNAUBA WAX Cas No.: [8015-86-9]
 Product description : 4 PALLETS
 CARNAUBA WAX, TYPE 1, LUMP (STARLIGHT BRAND)
 2,000 KG
 ORIGIN BRAZIL
 Customer's reference : K5091187

LOTE NO.		0071115CE		METHODS	SPECIFICATIONS	REFERENCES
QUANTITY OF BAGS		80				
DATE OF ISSUE		10/15/2014				
EXPIRY DATE		2022.09.14				
TESTS	RESULTS					
01	Moisture	0.29		AMERWAX	0.50 % max	PONTES
02	Saponification Value	79.53		ASTM D1387-89 (2012)	78 - 95 mg KOH/g	USP 37 p.6256-6257
03	Acid Value	3.17		ASTM D 1386-10	2 - 7 mg KOH/g	USP 37 p.6256-6257
04	Melting Range	80.0 - 89.0		USP 37 <741> Class II p. 378-379	80 - 86 °C	USP 37 p.6256-6257
05	Insoluble Impurities	0.02		AMERWAX	0.20 % max	PONTES
06	Volatile Matter at 175°C (Including Moisture)	0.52		PONTES	0.60 % max	PONTES
07	Ester Value	76.36		USP 37 p. 190	71 - 88 mg KOH/g	FCC 9th ED p.242-243
08	Residue on Ignition	0.04		USP 37 <281> p.176	0.25 % max	USP 37 p.6256-6257
09	Heavy Metals	< 20		USP 37 Met. II <231> p.160-161	20 µg/g max	USP 37 p.6256-6257
10	Color	3 - 4		ASTM D 1544-04(2010) Adapted	2 - 4 Gardner Scale	PONTES

Nayra Façanha Maciel
Química
CRQ N° 10200071



starlight

PONTES INDÚSTRIA DE CERA LTDA.
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