



Todo Droga

Química Mayorista

ANALYSIS CERTIFICATE

Product : SPRAYDRIED GUM ACACIA

ref: 386A

Batch : OF142300P

Manufacturing date : 03/2014

Expiry date : 08/2017

DESCRIPTION : White or yellowish-white powder, odourless and tasteless

SOLUBILITY : Soluble in water, practically insoluble in chloroform, insoluble in ether.


PHYSICO-CHEMICAL ANALYSIS :

	<i>norms</i>	<i>results</i>
Foreign matter	$\leq 0.1 \%$	complies
Loss on drying	$\leq 10.0 \%$	7.35 %
Total ash	$\leq 4.0 \%$	3.0 %
Specific optical rotation (10% w/w solution)	+35° to +60°	+47.8°
Viscosity -25% w/w solution (Brookfield LVT, spindle 1, 30 RPM, 20°C)	> 60 cps	94 cps
Colour - 25% w/w solution (Tintometer Lovibond - 25 nm optical cell)	10 to 15 °Lovibond	10°L
PH - 25% w/w solution	4 to 5	4.31

MICROBIOLOGICAL ANALYSIS :

Total germs	< 2 000 cfu/g	25 cfu/g
Yeasts and moulds	< 100 cfu/g	complies
<i>Escherichia coli</i>	none/10g	complies
<i>Salmonella</i>	none/25g	complies

CONCLUSION : Compliance with the *European Pharmacopoeia (7th ed.)* the *Food Chemical Codex (4th ed)*

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