

Date: 05/12/2019

Messers: POLYMERS & COLORS S.A.
 13 NAXOU STR., THESI FOUSA
 19400 KOROPI
 GR

F.A.O. Quality Control

ANALYSIS BULLETIN

Batch number: **CLW0027864**

Product: **EMPICOL LXV / N**

Your reference: -

Method	Analysis	Unit of measure	Value	Sale specification
Visual	Appearance at 25°C	-	White needles	White needles
MCLD193	Col. Hazen (5% sol.in H ₂ O at 40°C) H ₂ O as ref.	Hazen Un.	9	25 max
G1A5	Anionic active matter	%	95.0	92.0 min.
-	Mean calculated molecular weight	-	296	296
G3B1	Free fatty matter	%	1.2	1.5 max
G2G4	Sodium sulphate	%	0.9	1.5 max
G2C2	Sodium chloride	%	< 0.5	0.5 max
G5D2	Water	%	2.6	3.0 max
G9E1	pH (sol.1%)	pH Un.	10.0	9.0 - 10.5
G7F8	Alkalinity	ml HCl 0.1N/g	0.4	0.5 max
USP Met.	Total Alcohol	%	> 59	> 59
USP Met.	Heavy metals as Pb - Statistical value	ppm	< 20	< 20
USP Met.	Organic Volatile Ingredients	-	Conforms	Conforms
-	European Pharmacopoeia 9th ed.	-	Conforms	Conforms
-	USP40-NF35	-	Conforms	Conforms

This certificate has been edited electronically and is valid without signature.

Innospec PC Italia certifies that these results are based upon sampling and testing procedures in force at the time of production.

Date of production: 13/11/2019

Retest date: 12/11/2021