

Date: 25/09/2019

**ANALYSIS BULLETIN**

Batch number: **CLW0027549**

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 <sub>2</sub> O at 40°C) H <sub>2</sub> O as ref.	Hazen Un.	9	25 max
G1A5	Anionic active matter	%	94.5	92.0 min.
-	Mean calculated molecular weight	-	296	296
G3B1	Free fatty matter	%	1.0	1.5 max
G2G4	Sodium sulphate	%	0.6	1.5 max
G2C2	Sodium chloride	%	< 0.5	0.5 max
G5D2	Water	%	2.5	3.0 max
G9E1	pH (sol.1%)	pH Un.	10.3	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: 18/09/2019

Retest date: 17/09/2021