



CERTIFICATE OF ANALYSIS

CUSTOMER

CICLOQUIMICA S.A.C.
BLANCO ENCALADA 5328 - 1° PISO
1431
BUENOS AIRES
Argentina

Date: July 8, 2020

Customer Number: 1100865
Material Code: 10018
Material name: MP-CRESOL 48 BULK

Batch: K0531D40A1
Inspection Lot: 8000041243
Manufacturing Date: May 31, 2020

CHARACTERISTIC	UNIT	VALUE	LOWER LIMIT	UPPER LIMIT	TEST METHOD
Phenol content	%(m)	0.01	0.00	0.20	ASTM D6310
Density at 20°C KGM	kg/l	1.0330	1.028	1.045	ASTM D4052
Water % (M)	%(m)	0.02	0.00	0.10	ASTM D1544/E203
Nitrogen bases as pyridine PPM	ppm	6	0	200	SASOL 300/ ASTM D44
Neutral oil	%(m)	0.2	0.0	0.3	ASTM D5310
Xylenols + Ethylphenols	%(m)	0.87			ASTM D5310
m-Cresol	%(m)	45	43		ASTM D5310
mp-Cresol content	%(m)	89	85	91	ASTM D5310
o-Cresol	%(m)	0.04	0.0	0.1	ASTM D5310
Colour (APHA, Pt-Co)	Pt-Co	45	0	140	ASTM D1208