



4 chemin du Calquet
 31057 Toulouse Cedex 1 - France
 Tél. : +33 5 62 74 40 00
 Fax : +33 5 62 74 41 02

CERTIFICATE OF ANALYSIS

FRONTLINE SPOTON CHAT

COMMERCIAL LOT: U20307A

PRESENTATION: FRONTLINE SPOTON CHAT 1P10

FILLED PRODUCT LOT NUMBER: U20307

MANUFACTURING DATE: 23-Jun-2020

EXPIRY DATE: 05/2023

TESTS	THRESHOLDS	RESULTS
APPEARANCE	CLEAR SOLUTION	CLEAR SOLUTION
COLOR	< BY3	< BY3
VOLUME DELIVERED	0.50 ≤ R ≤ 0.55 mL	0.52 mL
VOLUME UNIFORMITY	CONFORMS	CONFORMS
DENSITY	1.015 ≤ R ≤ 1.035 g/mL	1.027 g/mL
WATER	R ≤ 1.5 % (m/m)	0.6 % (m/m)
IDENTIFICATION OF FIPRONIL (HPLC)	CORRESPONDING RETENTION TIME	CORRESPONDING RETENTION TIME
ASSAY OF FIPRONIL (AS IS) (HPLC)	9.5 ≤ R ≤ 10.5 % (m/V)	10.19 % (m/V)
PURITY TEST (HPLC)	CONFORMS	CONFORMS
MB46136	R ≤ 0.4 % (m/V)	0.3 % (m/V)
OTHER IMPURITIES	R ≤ 0.1 % (m/V)	<0.1 % (m/V)
ASSAY FOR BUTYLHYDROXYANISOLE (GC)	0.016 ≤ R ≤ 0.022 % (m/V)	0.021 % (m/V)
ASSAY FOR BUTYLHYDROXYTOLUENE (GC)	0.008 ≤ R ≤ 0.011 % (m/V)	0.010 % (m/V)

WE CERTIFY THIS PRODUCT MEETS THE REQUIREMENTS OF THE COMPETENT AUTHORITIES

Signature / Function
 Jérôme LORET / Qualified Person





4 chemin du Calquet
31057 Toulouse Cedex 1 - France
Tél. : +33 5 62 74 40 00
Fax : +33 5 62 74 41 02

CERTIFICATE OF ANALYSIS

FRONTLINE SPOTON CHAT

COMMERCIAL LOT: U20307A

PRESENTATION: FRONTLINE SPOTON CHAT 1P10

FILLED PRODUCT LOT NUMBER: U20307

MANUFACTURING DATE: 23-Jun-2020

EXPIRY DATE: 05/2023

TESTS	THRESHOLDS	RESULTS
APPEARANCE	CLEAR SOLUTION	CLEAR SOLUTION
COLOR	< BY3	< BY3
VOLUME DELIVERED	0.50 <= R <= 0.55 mL	0.52 mL
VOLUME UNIFORMITY	CONFORMS	CONFORMS
DENSITY	1.015 <= R <= 1.035 g/mL	1.027 g/mL
WATER	R <= 1.5 % (m/m)	0.6 % (m/m)
IDENTIFICATION OF FIPRONIL (HPLC)	CORRESPONDING RETENTION TIME	CORRESPONDING RETENTION TIME
ASSAY OF FIPRONIL (AS IS) (HPLC)	9.5 <= R <= 10.5 % (m/V)	10.19 % (m/V)
PURITY TEST (HPLC)	CONFORMS	CONFORMS
MB46136	R <= 0.4 % (m/V)	0.3 % (m/V)
OTHER IMPURITIES	R <= 0.1 % (m/V)	<0.1 % (m/V)
ASSAY FOR BUTYLHYDROXYANISOLE (GC)	0.016 <= R <= 0.022 % (m/V)	0.021 % (m/V)
ASSAY FOR BUTYLHYDROXYTOLUENE (GC)	0.008 <= R <= 0.011 % (m/V)	0.010 % (m/V)

WE CERTIFY THIS PRODUCT MEETS THE REQUIREMENTS OF THE COMPETENT AUTHORITIES

Signature / Fonction
Jérôme LORET / Qualified Person

