

Name: 21-Chloro-17α-[(2-furanylcarbonyl)oxy]-9β,11β-oxido-16α-methylpregna-1,4-diene-3,20-dione
(Mometasone Furoate Impurity D)

Lot#: GR-2-045

Test Date: 03/18/2020 (re-test date: 03/18/2025)

CAS No.: 83881-09-8

MF: C₂₇H₂₉ClO₆

MW: 484.98

Appearance: White solid

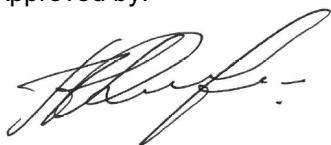
Purity: 93.2% by HPLC (contains 4.9% of the bis-furoate compound)

¹H-NMR: Conforms

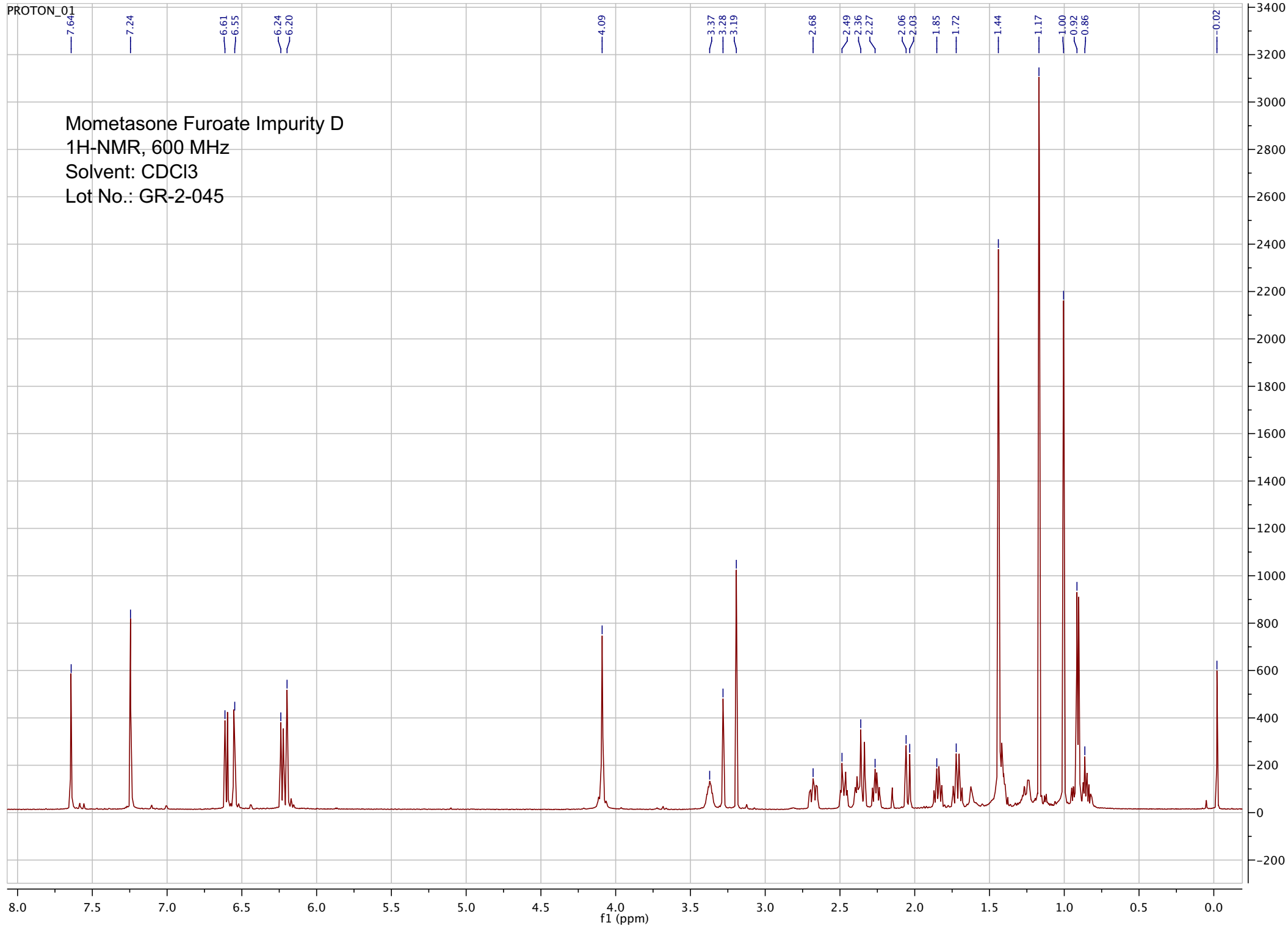
MS-ESI (+) Conforms

Approved by:

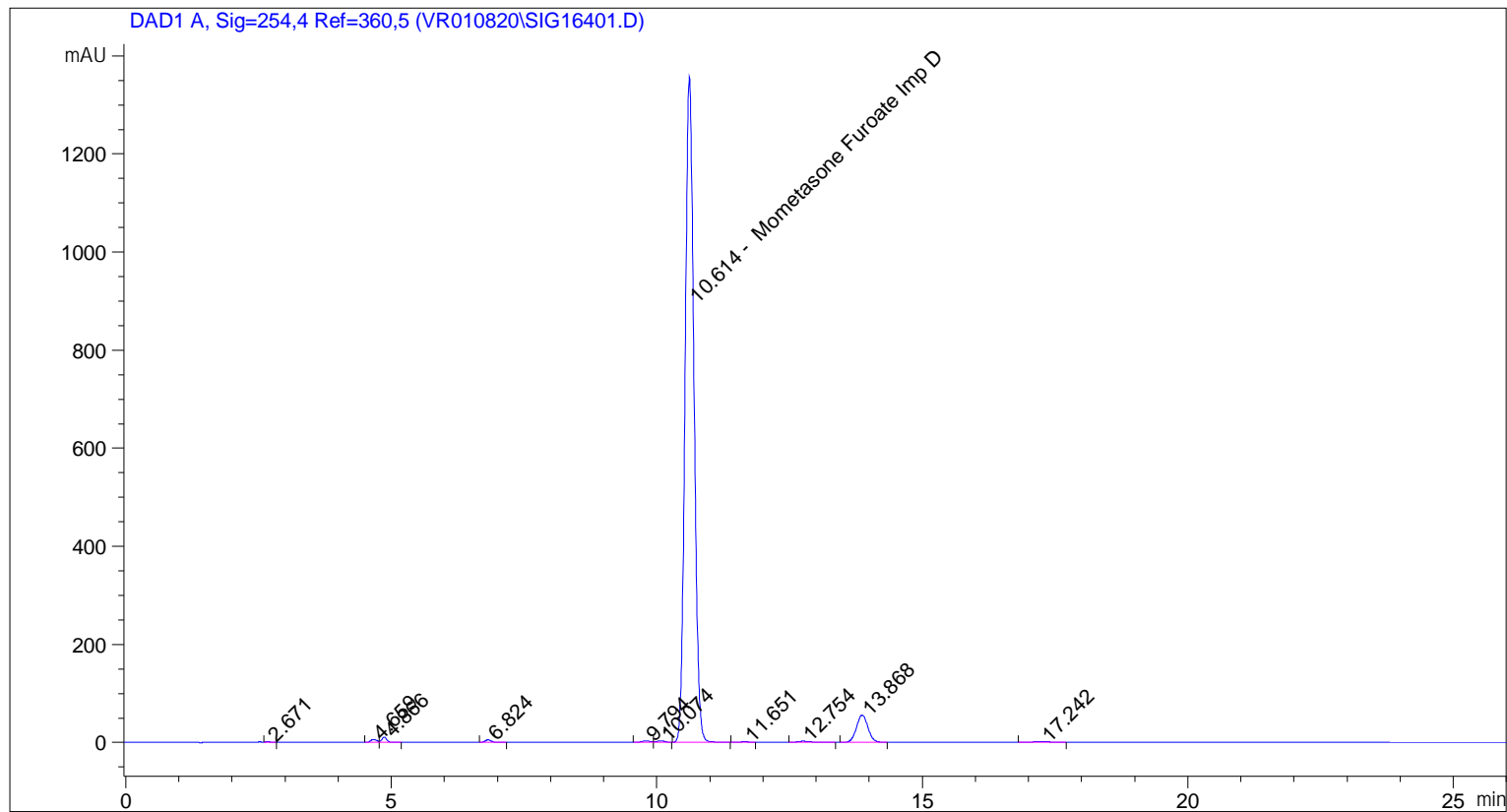
Date: 03/18/2020



Viorica Rusu, QC/QA Manager



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 3/18/2020 3:13:14 PM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR031820_045.M
Last changed : 3/18/2020 3:12:02 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031820_045PM.M
Last changed : 3/18/2020 3:31:57 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 3/18/2020 3:31:36 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.671	VB	0.0719	8.73100	0.0519	?
2	4.659	BV	0.1441	46.56770	0.2769	?
3	4.866	VB	0.0950	68.44708	0.4070	?
4	6.824	VB	0.1209	38.10972	0.2266	?
5	9.794	BV	0.1600	31.41685	0.1868	?
6	10.074	VB	0.1630	33.06832	0.1966	?
7	10.614	BB	0.1808	1.56706e4	93.1758	Mometasone Furoate Imp D
8	11.651	BB	0.1785	9.96200	0.0592	?

Sample Name: GR-2-045

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	12.754	BB	0.2535	40.12537	0.2386	?
10	13.868	BB	0.2323	831.93542	4.9466	?
11	17.242	BB	0.2417	39.35107	0.2340	?

Totals : 1.68183e4

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*** End of Report ***