



ANNEX III

SECTION B.

Zootechnical certificate, in accordance with Regulation (EU) 2016/1012, for entry into the Union of semen of purebred breeding animals of the following species:		 U.S. Registered Holsteins FOR MAXIMUM PROFIT! HOLSTEIN ASSOCIATION USA, INC.
(a) bovine species (<i>Bos taurus</i> , <i>Bos indicus</i> , <i>Bubalus bubalis</i>) ⁽¹⁾		
<i>This Zootechnical Certificate is printed in accordance with Regulation (EU) 2020/602 All EU official languages of the zootechnical certificates, including footnotes and notes, are available in EUR Lex</i>		Certificate number: 6098104-1
Name of issuing breeding body/semen collection or storage center: CRV USA Holdings, Inc. W7652 US HIGHWAY 151 FOND DU LAC WI 54937-9420		
Part A. Information on the donor male purebred breeding animal		
1. Name of issuing breed society/competent authority: Holstein Association USA, 1 Holstein Place, PO Box 808, Brattleboro, VT, 05302 USA		
2. Name of breeding book: Holstein Association USA	3. Name of breed of donor male: Holstein	
4. Class within the main section of the herd book where animal is entered: Main Section		
5. Breeding book number of donor male: HO840003245816146		
6. Identification of animal	7. Identity verification	
6.1. System: RFID	7.1. Method: DNA-MS	
6.2. Individual identification number: HO840003245816146	7.2 Result: SIRE & DAM QUALIFIES M22134280	
6.3. Name: GENOSOURCE FUG TITUS-P-ET	8. Date and country of birth of donor male: 31.03.2022 USA	
9. Name, address, and email address of breeder: GenoSource, 2188 78TH ST, BLAIRSTOWN, IA 52209-9535		
10. Name, address, and email address of owner: CRV USA Holdings, Inc., W7652 US HIGHWAY 151, FOND DU LAC, WI 54937-9420		
11. The pedigree of the animal including breed composition – Please See Attached		
11.1. Sire Herd book number: HO840003215425396 Name: PEAK FUGLEMAN-ET Section: Main Section	11.1.1. Paternal Grandsire Section: Main Section Herd book number: HO840003200824445 Name: PEAK ALTAZAZZLE-ET	
	11.1.2. Paternal Granddam Section: Main Section Herd book number: HO840003200824689 Name: PEAK MARACA-ET	
11.2. Dam Herd book number: HO840003208359785 Name: PINE-TREE 8178 MONU 8707-ET Section: Main Section	11.2.1. Maternal Grandsire Section: Main Section Herd book number: HO840003150307018 Name: BOMAZ MONUMENT-P-ET	
	11.2.2. Maternal Granddam Section: Main Section Herd book number: HO840003150675250 Name: PINE-TREE 7593 SAMA 8178-ET	
12. Additional information		
12.1. Results of performance testing: Please See Attached Pedigree		
12.2. Up-to-date results of the genetic evaluation: https://www.naab-css.org/sire-evaluation-database/HO840003245816146		
12.3. Genetic defects and genetic peculiarities of donor male in relation to the breeding programme: Please see attached Pedigree		
12.4. Other relevant information on donor male: Please See Attached Pedigree		
12.5. Other relevant information, including results of performance testing or genetic evaluation, on parents and grandparents if not indicated in point 11: Please See Attached Pedigree		
13. Validation		13.4. Signature
13.1. Done at: Brattleboro Vermont 13.2. On: 02.12.2022		
13.3. Name and capacity of signatory: JENIFER LEVISEE, MANAGER QUALITY ASSURANCE		



OFFICIAL HOLSTEIN PEDIGREE



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www.holsteinusa.com

99% Registered Holstein Ancestry (RHA-I)

GENOSOURCE FUG TITUS-P-ET

P9 7K GTPI 75%R
+3007 G

03/31/2022

4006
MALE

840003245816146 99%RHA-I PO

CRV USA HOLDINGS, INC.

JAMIE CAYO
SUITE 2300
MADISON, WI 53718
608/469-9895

PTA	+1488M	+110F	+68P	76%R	8/2022
PTA	+1069NM	+.18%F	+.07%P	100%US	
PTA	+5.2PL	2.88SCS	+1.1DPR	1.7%DCE	
PTA	+.87T	+1.19UDC	-.23FLC	74%R	8/2022
PTA	+295FE	+0.3FI	1.6%SCE		

PEAK ALTAZAZZLE-ET

P9 75K GTPI 83%R
+2896 G

840003200824445 99%RHA-I TR TP TC TY TV
09/27/2018

PTA	+972M	+102F	+50P	85%R	8/2022
PTA	+917NM	+.22%F	+.07%P	100%US	
PTA	+4.2PL	2.79SCS	-.8DPR	1.8%DCE	
PTA	+1.31T	+1.57UDC	+.02FLC	80%R	8/2022

PEAK MARACA-ET

75K GTPI 81%R
+2952 G

840003200824689 99%RHA-I TC TY TV TL TD
12/30/2018

PTA	+1034M	+97F	+60P	82%R	8/2022
PTA	+912NM	+.20%F	+.10%P		
PTA	+4.8PL	2.93SCS	-.1DPR	1.7%DCE	
PTA	+1.44T	+1.80UDC	+.60FLC	80%R	8/2022

P9 75K GTPI 78%R

PEAK FUGLEMAN-ET

+2973 G

840003215425396 99%RHA-I TR TP TC TY TV
04/20/2020

PTA	+1333M	+106F	+65P	80%R	8/2022
PTA	+975NM	+.19%F	+.08%P	100%US	
PTA	+4.5PL	2.84SCS	-2.2DPR	2.2%DCE	
PTA	+1.79T	+1.94UDC	+.63FLC	77%R	8/2022
PTA	+284FE	-1.8FI	1.9%SCE		

P9 75K GTPI 89%R
+2860 G

BOMAZ MONUMENT-P-ET

840003150307018 99%RHA-I TR PC TC TY TV
06/24/2018

PTA	+431M	+103F	+43P	93%R	8/2022
PTA	+961NM	+.30%F	+.10%P	100%US	
PTA	+5.3PL	2.73SCS	+.4DPR	3.2%DCE	
PTA	+.37T	+.83UDC	+.01FLC	84%R	8/2022

P9 36K GTPI 80%R

PINE-TREE 8178 MONU 8707-ET

+2757 G

840003208359785 99%RHA-I TR PC TC TL TD
2-01 82 +++G+ 05/01/2020

PTA	+665M	+104F	+43P	81%R	8/2022
PTA	+887NM	+.27%F	+.08%P		
PTA	+4.8PL	2.83SCS	+.9DPR	2.4%DCE	
PTA	-.29T	-.24UDC	-.47FLC	83%R	8/2022
PTA	+237FE	+1.0FI	2.1%SCE		

19K GTPI 84%R
+2755 G

PINE-TREE 7593 SAMA 8178-ET

840003150675250 99%RHA-I TR TC TL TD
10/31/2018

PTA	+1289M	+101F	+45P	85%R	8/2022
PTA	+874NM	+.18%F	+.02%P		
PTA	+4.3PL	2.74SCS	-1.1DPR	1.8%DCE	
PTA	+.54T	+.04UDC	-.04FLC	82%R	8/2022



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Holstein Association USA, Inc.

1 Holstein Place, Brattleboro, VT 05302-0808
800.952.5200 • Fax: 802.254.8251 • www.holsteinusa.com

DNA GENOTYPE CERTIFICATE

NAME: 840003245816146 M GENOSOURCE FUG TITUS-P-ET
DOB: 03/31/2022 M22134280

SIRE: 840 3215425396 PEAK FUGLEMAN-ET
DAM: 840 3208359785 PINE-TREE 8178 MONU 8707-ET

BM1818 262/262
BM1824 178/188
BM2113 135/137
CYP21 187/200
ETH10 223/223
ETH225 148/150
ETH3 117/129
INRA023 214/214
RM067 90 /92
SPS115 248/248
TGLA126 115/117
TGLA122 163/171
TGLA227 87 /89
TGLA53 168/176
MGTG4B 135/135
SPS113 151/151

Parentage Status: Sire and Dam Qualify

Date Tested: 11/10/2022
Date Issued: 11/10/2022

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.



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99% Registered Holstein Ancestry (RHA-I)

PINE-TREE 7593 SAMA 8178-ET BB 19K GTPI 84%R
840003150675250 99%RHA-I TR TC TL TD +2755 G

10/31/2018 8178 FEMALE

PTA +1289M +101F +45P 85%R 8/2022
PTA +874NM +.18%F +.02%P
PTA +4.3PL 2.74SCS -1.1DPR 1.8%DCE
PTA +.54T +.04UDC -.04FLC 82%R 8/2022
PTA +247FE -0.5FI 2.0%SCE

A2/A2 BB P9 75K GTPI 96%R
PARKHURST SAMARITAN-ET +2671 G
CAN 110508043 99%RHA-I TR TC TY TV TL
02/19/2017

PTA +633M +85F +42P 98%R 8/2022
PTA +616NM +.21%F +.08%P 29%US
PTA +1.8PL 2.94SCS -.7DPR 1.9%DCE
PTA +1.24T +.75UDC +.30FLC 95%R 8/2022
PTA +191FE -0.1FI 2.4%SCE

A1/A2 AB 55K GTPI 89%R
PINE-TREE ERA ACHIE 7593-ET +2787 G
840003139672589 99%RHA-I TR TC TL TD
3-00 82 +VG++ 07/09/2017

PTA +1390M +107F +46P 90%R 8/2022
PTA +1053NM +.18%F +.01%P
PTA +5.4PL 2.68SCS -2.0DPR 2.0%DCE
PTA -.31T +.15UDC -.23FLC 91%R 8/2022
PTA +294FE -1.3FI 1.8%SCE

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	1-10	3	305	30060	99	4.9	1466	3.0	897 90
			365	35130	99	5.0	1758	3.1	1084 90
***	3-05	2	226	28420		4.8	1359	3.3	939

A1/A2 BE 49K GTPI 99%R
BACON-HILL PETY MODESTY-ET +2395 G
840003013654627 100%RHA-NA TR TP TC TY
2-07 81 ++F++ GM 8/18 06/25/2014

PTA +198M +42F +16P 99%R 8/2022
PTA +563NM +.12%F +.03%P 87%US
PTA +3.4PL 3.26SCS +.0DPR 1.4%DCE
PTA -.05T +1.20UDC +.64FLC 99%R 8/2022

13K GTPI 87%R
LESPERRON KINGBOY SANTANA +2444 G
CAN 108644900 99%RHA-I
CAN 02Y VG 85 11/10/2014

PTA +764M +65F +26P 88%R 8/2022
PTA +338NM +.12%F +.01%P
PTA +.5PL 2.72SCS -.7DPR 2.5%DCE
PTA +1.37T +.79UDC -.26FLC 86%R 8/2022

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
CAN	2-03	2	305	28827		5.1	1479	3.2	935
			365	33501		5.1	1706	3.3	1102

75K GTPI 99%R
ABS ACHIEVER-ET +2796 G
840003128557482 99%RHA-NA TC TY TV TL
GM 12/21 11/15/2015

PTA +150M +120F +26P 99%R 8/2022
PTA +933NM +.41%F +.08%P 38%US
PTA +4.1PL 2.69SCS -1.5DPR 2.3%DCE
PTA +.22T +.95UDC +.51FLC 99%R 8/2022

50K GTPI 93%R
SANDY-VALLEY MORGAN ERA-ET +2540 G
USA 70811901 99%RHA-I
2-08 83 +G+V+ GMD DOM 02/19/2013

PTA +1602M +67F +49P 94%R 8/2022
PTA +786NM +.02%F +.00%P
PTA +4.2PL 2.81SCS -2.0DPR 1.9%DCE
PTA -.14T -.23UDC -.88FLC 92%R 8/2022

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	2-02	2	305	28840	95	4.1	1189	3.3	964 95
			365	34790	95	4.2	1450	3.4	1192 95



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CERTIFICATE OF GENETIC RECESSIVES

NAME: 840003245816146 M GENOSOURCE FUG TITUS-P-ET
DOB: 03/31/2022 Herd Mgt #: 4006
SIRE: 840 3215425396 PEAK FUGLEMAN-ET
DAM: 840 3208359785 PINE-TREE 8178 MONU 8707-ET

POLD - Polled

PO - This animal is Polled

Recvd: 07/12/2022

HCD - Holstein Cholesterol Deficiency

TC - This animal tested free of HCD

Recvd: 01/05/2023

DUMPS - Deficiency of Monophosphate Synthase

TD - This animal tested Free of DUMPS

Recvd: 01/05/2023

BLAD - Bovine Leukocyte Adhesion Deficiency

TL - This animal tested Free of BLAD

Recvd: 01/05/2023

CVM - Complex Vertebral Malformation

TV - This animal tested Free of CVM

Recvd: 01/05/2023

BRSP - Brachyspina

TY - This animal tested free of BRSP

Recvd: 01/05/2023

Retouradres Postbus 454, 6800 AL Arnhem

To the competent breeders' Association

3 november 2022

Certificate of freedom from cloning for breeding cattle

It is hereby confirmed that the animal listed is not the offspring of clones based on the first three generations (parents, grandparents and great-grandparents).

International ID	NLD Reg. Nr.	Name	Shortname
HOL840M003245816146	US 3245816146	GENOSOURCE FUG TITUS-P	TITUS

Arnhem, The Netherlands

3 november 2022

Place, Date

J. Veldhuisen, CRV B.V.

Name in block letters



Signature, Company