



Customer name	Matthew J. Steiner
Product	CLARIFIDE CDCB
Report date	2022-06-03

Animal Information	
Animal ID	688
Official ID	HO840003228682758
Animal Name	PINE-TREE 8418 FLIER 688-ET
Sex	Female
Birth Date	2021-04-10
Breed	Holstein
Result Type	Final
Purebred/Crossbred Evaluation	Purebred

Parentage	
Evaluation Sire	HO840003206709213
NAAB Code (for Reported Sire)	551HO04227
Pedigree MGS	HOCAN000012857690
Pedigree MGS NAAB	777HO11186
Evaluation Dam	HO840003150675490

Traits	
DWP\$	1,250
TPI	3,021
NM\$	1,102
CM\$	1,122
FM\$	965
GM\$	1,053
MILK	1,034
FAT	106
PROT	59
FAT %	0.23
PROT%	0.09

FS	158
RFI	-118
FE	285
SCS	2.80
DPR	0.5
HCR	2.7
CCR	2.2
FI	1.4
PL	6.8
LIV	2.0
Z_MAST	102
Z_METR	108
Z_KETO	100
Z_LAME	101
Z_RETP	100
Z_DA	106
Z_MFV	100
Z_ABRT	102
Z_TWIN	99
Z_RESP	103
Z_CYST	94
WT\$	134
Z_Calf_LIV	103
Z_Calf_Scours	99
Z_Calf_Resp	105
CW\$	15
CDCB_MAST	1.7
CDCB_MET	1.1
CDCB_RP	0.2
CDCB_KET	1.1
CDCB_DA	0.6
CDCB_HC	-0.1
CDCB_HLV	1.0
SCE	2.0
DCE	2.0
SSB	6.0

DSB	5.4
CA\$	10.9
GL	-0.7
EFC	5.6
TYPE FS	1.06
UDC	0.72
BDC	-0.27
FLC	0.61
ST	0.24
SG	-0.07
BD	-0.06
DF	0.83
RA	-0.39
RW	0.70
LS	0.98
LR	0.43
FA	0.30
FLS	0.72
FU	1.05
UH	1.31
UW	0.75
UC	-0.34
UD	0.61
FT	-0.07
RT	-0.14
TL	0.46
IND INBRD	11.4
FUT INBRD	10.4

#### Reliability

NM\$ Reliability	72
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#### Genetic Conditions

HH1	F**
HH2	F**
HH3	F**
HH4	F**

HH5	F**
HH6	F**
BLAD	F*
Chondrodysplasia	NR
Citrullinemia	F*
Factor XI	NR
CVM	F**
Brachyspina	F**
Mulefoot	F**
HCD	O*
DUMPS	F*
Horn/Polled	TP*
Recessive Red	EDED*
Dominant Red	DR0*
Beta Casein A/B	N/A
Beta Lactoglobulin	AA*
Beta Casein A2	A2/A2*
Alpha S-1 Casein	NR
Kappa Casein I (ABE)	BB*

All genetic condition and milk component results in this report identified with an asterisk (\*) were derived using tests performed and/or validated by Zoetis. Selected haplotype results generated by USDA-CDCB are also provided, but have not been validated by Zoetis. USDA-CDCB haplotype results are identified by double asterisks (\*\*). Zoetis expresses no opinion with respect to the use or accuracy of USDA-CDCB haplotype information until further validation is conducted. Zoetis shall not be liable for any loss arising from the use of USDA-CDCB results or from any actions taken in reliance thereon.