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U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.



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DNA GENOTYPE CERTIFICATE

NAME: USA 70358050 M SANDY-VALLEY ALTASILVER-ET
DOB: 03/24/2011 M11081458

SIRE: USA 61898306 REGANCREST ALTAIOTA-ET
DAM: USA 66454736 SANDY-VALLEY PLANE SAPPHIRE

BM1818 262/262
BM1824 178/180
BM2113 127/139
CYP21 189/189
ETH10 209/209
ETH225 140/150
ETH3 117/129
INRA023 202/210
RM067 92 /92
SPS115 248/248
TGLA126 115/117
TGLA122 143/151
TGLA227 89 /103
TGLA53 160/186
MGTG4B 135/135
SPS113 141/151

We hereby certify that this is a true copy of the genotyping on file for the animal listed above as reflected on the records of the Holstein Association USA, Inc.

Jenifer Levissee-Phillips
Manager, Quality Assurance

Parentage Status: Qualifies

Date Tested: 10/17/2011
Date Issued: 02/04/2015

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