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FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: USA 72063948 M PINE-TREE ALTANEEDLE P-ET
DOB: 10/18/2012 M13095333

SIRE: USA 69473980 DE-SU D MAYFIELD 893-ET
DAM: USA 69804575 PINE-TREE 1258SIGNF 4811-ET

BM1818	266/266
BM1824	178/188
BM2113	125/135
CYP21	189/200
ETH10	209/225
ETH225	148/152
ETH3	129/129
INRA023	214/214
RM067	92 /92
SPS115	248/256
TGLA126	117/117
TGLA122	149/183
TGLA227	87 /89
TGLA53	160/176
MGTG4B	141/149
SPS113	151/151

Parentage Status: Qualifies

Date Tested: 07/31/2013
Date Issued: 07/31/2013

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