



U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: USA 74345956 M HURTGENLEA RICHARD CHARL-ET
DOB: 12/28/2016 M17116159

SIRE: DEU 538920253 DG CHARLEY
DAM: USA 74345903 HURTGENLEA YODER MODESTO-ET

BM1818 262/266
BM1824 178/180
BM2113 127/135
CYP21 187/198
ETH10 223/223
ETH225 148/150
ETH3 129/129
INRA023 210/214
RM067 92 /92
SPS115 252/260
TGLA126 117/121
TGLA122 149/163
TGLA227 89 /89
TGLA53 168/168
MG TG4B 135/141
SPS113 141/141

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.

Parentage Status: Sire and Dam Qualify

Jenifer Levissee-Phillips
Manager, Quality Assurance

Date Tested: 07/18/2017
Date Issued: 02/11/2019

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