



03/09/2015

ARABIAN HORSE SOCIETY OF AUSTRALIA LTD

P1:1

LAVENDER FOAL SYNDROME (LFS) SCREENING TEST RESULTS

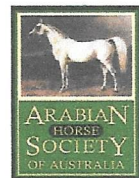
Report date: 3 September 2015

The Australian Equine Genetics Research Centre (AEGRC) performed the following genetic screening test on DNA amplified from the roots of the hair sample submitted as:

Horse Name: SHAHZAR (AHSA)

Registration number: QUS1757

Date Received: 27/08/2015 12:49:25 PM



**Lavender Foal Syndrome (LFS) AEGRC Tracking number: LFS399**

**Result:** for sample submitted as name: SHAHZAR (AHSA) is consistent with the horse:

carrying **NO copies (N/N)** of the recessive allele that causes LFS

This condition is consistent with being inherited as a recessive trait and a heterozygous (carrying one normal allele and one allele with the LFS mutation) stallion or mare bred to a normal horse (carrying no copies of the LFS disease-causing mutation) will result in approximately half of the offspring being carriers and half being normal.

The carriers (carrying one copy of the LFS mutation) are usually unaffected by the disease.

The homozygote (carrying two copies of the LFS mutation) is usually affected with the disease.

Australian Equine Genetics Research Centre (AEGRC)

End of report