STATE OF DELAWARE
DEPARTMENT OF AGRICULTURE
DELAWARE THOROUGHBRED RACING COMMISSION
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July 6, 2016

Delaware Park
Stewards Ruling
(36- 2016)

On June 18, 2016, following the successful outcome in race 4th, Delaware Park took evidentiary samples of the winning horse pursuant to Rule 5.35.2 of the Delaware Thoroughbred Racing Commission ("D.T.R.C.") Regulations. A report from Truesdail Laboratories, Inc., the official Chemists of the Delaware Thoroughbred Racing Commission, showed that the blood and urine sample **16184**, taken from the horse **"Guts and Glory"**, who finished first tested positive for "Glaucine". Glaucine was also located in bedding and sawdust samples associated with the stabling of this horse.

Glaucine is an alkaloid found in several different plant species such as Tulip Poplar trees. It is a bronchodilator with anti-inflammatory properties and is sold in an extracted pill form. When it is combined with other alkaloids such as Protopine, Asimilobine, or Liriodenine, it is more likely than not that an environmental contamination was the basis for its ingestion. Typically, the horse will ingest wood shavings with its feed or will inhale sawdust from its bedding and obtain trace quantities of glaucine (and associated alkaloids) in this manner.

The ARCI Uniform Classification Guidelines are silent about this substance but the ARCI is conducting research about it. There is no evidence that glaucine was administered to the horses in violation of D.T.R.C. Regulation 10.8.1.3. Because of the lack of evidence of intentional glaucine administration, the finding of the stewards is that the presence of other alkaloids in the samples extracted from these horses indicates that this was an environmental contamination. No action will be taken against the racing purse monies at this time.

Jack Houghton, Jr., Steward

Fritz Burkhardt, Steward

James Lages, Steward