Passport data

Passport descriptors	
Prime name	LIBERTY
Color of berry skin	NOIR
Variety number VIVC	6830
Country or region of origin of the variety	UNITED STATES OF AMERICA
Species	VITIS INTERSPECIFIC CROSSING

Degree of resistance		
Source code	20013	20078
Accession name		
Alternaria rot (leaf) (*Alternaria alternata* (Fr.) Keissl)		
Anthracnose (leaf) (*Elsinoë ampelina* Shear)		
Anthracnose (bunch) (*Elsinoë ampelina* Shear)		
Anthracnose (leaf/shoot) (*Elsinoë ampelina* Shear)		
Black rot (leaf) (*Guignardia bidwellii* (Ellis) Viala & Ravaz f. *euvitis* Luttr.)		
Black rot (bunch) (*Guignardia bidwellii* (Ellis) Viala & Ravaz f. *euvitis* Luttr.)		
Black rot (leaf/bunch) (*Guignardia bidwellii* (Ellis) Viala & Ravaz f. *euvitis* Luttr.)		
Black rot (leaf) (*Guignardia bidwellii* (Ellis) Viala & Ravaz f. *muscadinii* Luttr.)		
Black rot (bunch) (*Guignardia bidwellii* (Ellis) Viala & Ravaz f. *muscadinii* Luttr.)		
Black rot (leaf/bunch) (*Guignardia bidwellii* (Ellis) Viala & Ravaz f. *muscadinii* Luttr.)		
Botrytis bunch rot (leaf) (*Botrytis cinerea* (Botrytis cinerea Pers.))		
Botrytis bunch rot (bunch) (*Botrytis cinerea* (Botrytis cinerea Pers.))		
Botrytis bunch rot (leaf/bunch) (*Botrytis cinerea* (Botrytis cinerea Pers.))		
Brenner (leaf) (*Pseudopeziza tracheiphila* Müll.-Thurg.)		
Cercospora (leaf)		
Crown gall (shoot) (*Agrobacterium tumefaciens* (Smith & Townsend) Conn)		

Downy mildew (leaf) (*Plasmopara viticola* (Berk. & M.A. Curtis) Berl. & De Toni)		
Downy mildew (bunch) (*Plasmopara viticola* (Berk. & M.A. Curtis) Berl. & De Toni)		
Downy mildew (leaf/bunch) (*Plasmopara viticola* (Berk. & M.A. Curtis) Berl. & De Toni)		
Excoriose (leaf/shoot) (*Phomopsis viticola* (Sacc.) Sacc.)		
Isariopsis leaf blight (leaf) (*Isariopsis clavispora* (Berk. & Cooke) Sacc.)		
Pierce's Disease (*Xylella fastidiosa* Wells. et al.: grapevine)	9	7
Powdery mildew (leaf) (*Erysiphe necator* Schwein.)		
Powdery mildew (bunch) (*Erysiphe necator* Schwein.)		
Powdery mildew (leaf/bunch) (*Erysiphe necator* Schwein.)		
Ripe rot (leaf) (*Glomerella cingulata* (Stoneman) Spauld. & H. Schrenk)		
Ripe rot (bunch) (*Glomerella cingulata* (Stoneman) Spauld. & H. Schrenk)		
Ripe rot (leaf/bunch) (*Glomerella cingulata* (Stoneman) Spauld. & H. Schrenk)		
White rot (leaf) (*Coniella diplodiella* (Speg.) Petrak & Sydow)		
White rot (bunch) (*Coniella diplodiella* (Speg.) Petrak & Sydow)		
White rot (leaf/bunch) (*Coniella diplodiella* (Speg.) Petrak & Sydow)		