



**PARTICIPANT STATISTICS**

**SECOND SHIPMENT 2018**

**EMBRYO GRADING**

**Embryo Grade**

Day
Day 1
Flagging
Day 3
Flagging
Day 5
Flagging

**Specimen 1**

Good	Fair	Poor
8	77	156
***		
216	19	1
		***
86	151	5
		***

**Specimen 2**

Good	Fair	Poor
54	59	129
18	204	19
195	45	1
		***

No. of Labs
242
241
241

\*Due to a lack of participant consensus, Day 1 Specimen 2 was not evaluated. The intended result was Fair to Poor.

\*Due to a lack of participant consensus, Day 3 Specimen 2 was not evaluated. The intended result was Fair.

**Day 1**

Embryo Stage
OPN
1PN
2PN
3PN
4PN
Dead
<b>Total Population</b>

**Specimen 1**

	Flagging
0	
239	
4	
0	***
0	***
0	***
0	***
<b>243</b>	

**Specimen 2**

	Flagging
242	
0	***
0	***
0	***
0	***
0	***
0	***
<b>242</b>	

**Day 3**

Cell Number
<b>Total Population</b>
Whole population

**Specimen 1**

Range & Type	Mean	SD
7 - 9	C	8.0

**Specimen 2**

Range & Type	Mean	SD
5 - 8	C	6.4

No. of Labs
242

**% Fragmentation**

<10%
11 - 25%
>25%
<b>Total Population</b>

**Specimen 1**

	Flagging
241	
0	
0	***
<b>241</b>	

**Specimen 2**

	Flagging
165	
73	
1	***
<b>239</b>	

**Symmetry**

Perfect
Moderately Asymmetric
Severely Asymmetric
<b>Total Population</b>

**Specimen 1**

	Flagging
199	
40	
0	***
<b>239</b>	

**Specimen 2**

	Flagging
3	***
216	
20	
<b>239</b>	

**Day 5**

Embryo Stage
Morula
Early Blastocyst
Blastocyst
Expanded Blastocyst
Hatching blastocyst
<b>Total Population</b>

**Specimen 1**

	Flagging
1	***
203	
40	
0	***
0	***
<b>244</b>	

**Specimen 2**

	Flagging
0	***
0	***
2	
242	
0	***
<b>244</b>	

Inner Cell Mass
Good
Fair
Poor
Absent
<b>Total Population</b>

	Flagging
54	
150	
17	
19	***
<b>240</b>	

	Flagging
206	
37	
0	***
0	***
<b>243</b>	

Inner Cell Mass Compaction
Complete
Incomplete
<b>Total Population</b>

	Flagging
15	***
229	
<b>244</b>	

	Flagging
233	
7	***
<b>240</b>	

Trophectoderm
Good
Fair
Poor
Absent
<b>Total Population</b>

	Flagging
105	
130	
4	***
1	***
<b>240</b>	

	Flagging
178	
64	
1	***
0	***
<b>243</b>	

Correct responses are defined as those reflecting agreement among 80% or more of all participants or referees. Unacceptable responses are indicated by "\*\*\*\*\*" on the Flagging line of each specimen.