![CSMART COFFEE TECHNOLOGIES SA]

PSS # 10014558 | 350 bags | SSBR-90923 | Oct 24 | Test Coffee Exporter Co.

Description: BRAZIL ARABICA COFFEE NY 6 FC BICA CROP 23/24 | OIC: 8245 | Lot Number: 12A654

Digital Analysis Summary:

Total Defects	Primary Defects	Secondary Defects	Foreign Matter	Inspected Seeds	COB
23.36%	**4.71%**	**18.66%**	**0.0%**	**0595**	**Tipo 6**
Count: 139	Count: 28	Count: 111	Count: 0	Weight: 79g	Eq. Defects: 116

Sample evaluated using model: 224_MCL_RNXT_ARA_BRA_MIXEDV4_U97C | File name: SampleTest.hdf5 | Sample status: Approved

Cupping Analysis (Lab):

Physical Aspect: Good

Cupping Results: Features a clean cup and bold body with a slightly acetic note

Cupping Score: 80.25

Cupping results evaluated by Sucafina Brasil Quality Lab

Proportional Dominant Colors:

Color	R value	G value	B value	Occurence
1	156	152	118	39.43 %
2	131	132	105	29.55 %
3	178	174	137	24.43 %
4	101	97	74	6.59 %

7% | 24% | 30% | 39%

Proportional dominant color, identified by K-Means clustering, represents the most frequently occurring colors in the sample

Screen Size Distribution:

Screen	Quantity	Individual %	Cumulative %
Screen 10-:	16	2.69%	99.99%
Screen 11:	16	2.69%	97.30%
Screen 12:	15	2.52%	94.61%
Screen 13:	27	4.54%	92.09%
Screen 14:	58	9.75%	87.55%
Screen 15:	62	10.42%	77.80%
Screen 16:	102	17.14%	67.38%
Screen 17:	132	22.18%	50.24%
Screen 18:	117	19.66%	28.06%
Screen 19+:	50	8.4%	8.40%

Cumulative % represent the sum from the current screen to the last

Classes Distribution:

Class Name	Quantity	Percentage	Sub-Class
Black:	0	0.0%	PD
Broken:	50	8.4%	SD
Floater:	0	0.0%	SD
Fox Bean:	8	1.34%	OK
Husk:	0	0.0%	SD
Immature:	30	5.04%	SD
Insect Dam.:	10	1.68%	SD
Ok:	448	75.29%	OK
Parchment:	1	0.17%	SD
Pod:	0	0.0%	SD
Rocks:	0	0.0%	FM
Shell:	20	3.36%	SD
Sour:	28	4.71%	PD

PD - Primary Defects, SD - Secondary Defects, FM - Foreign Matter

Classification Methods:

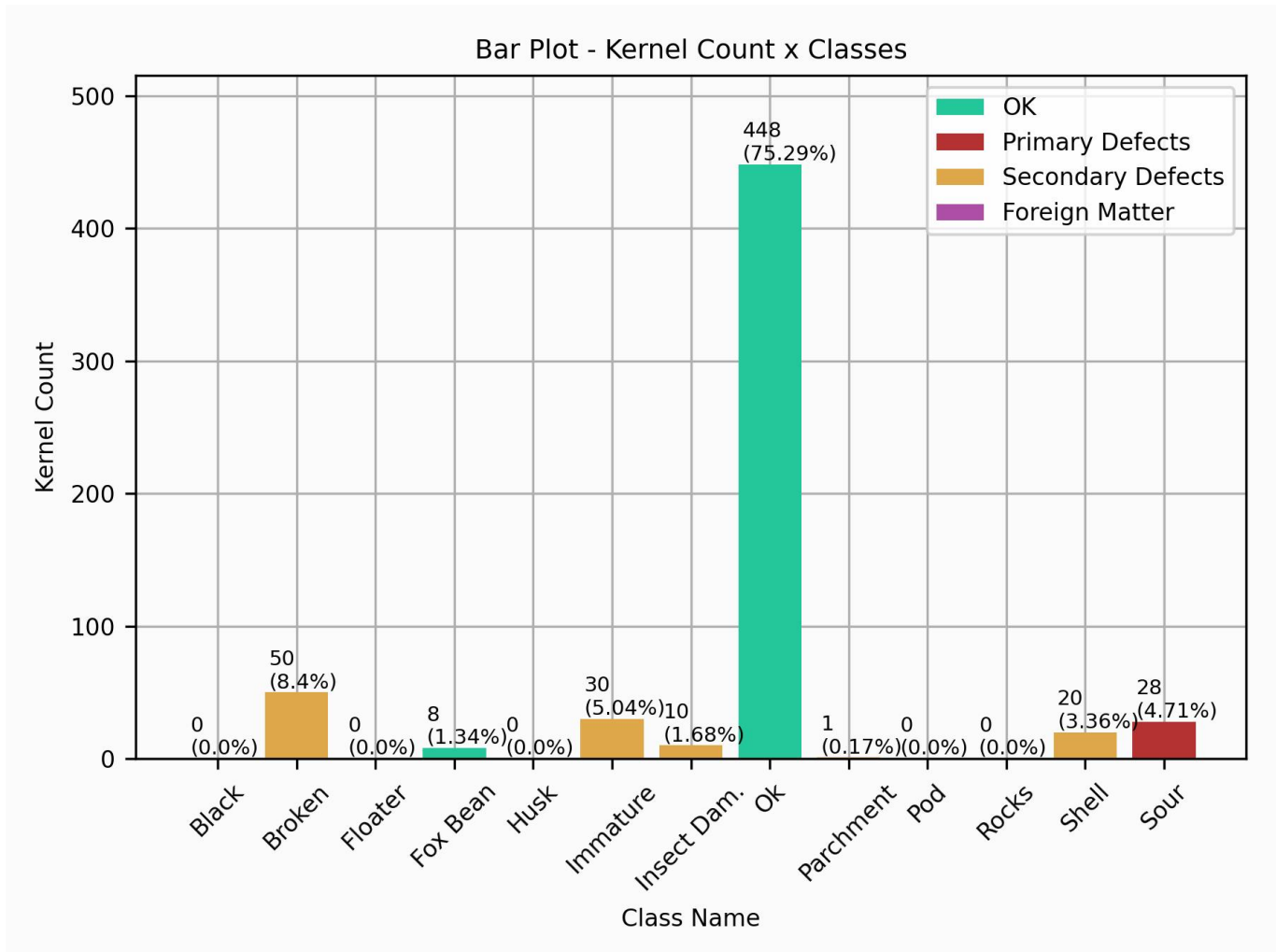| Method	Eq. Defects	Type
COB	116	Tipo 6
NY	158	NY 6

Methods listed in the AI model

PSS # 10014558 | 350 bags | SSBR-90923 | Oct 24 | Test Coffee Exporter Co.

Screen Size Distribution:
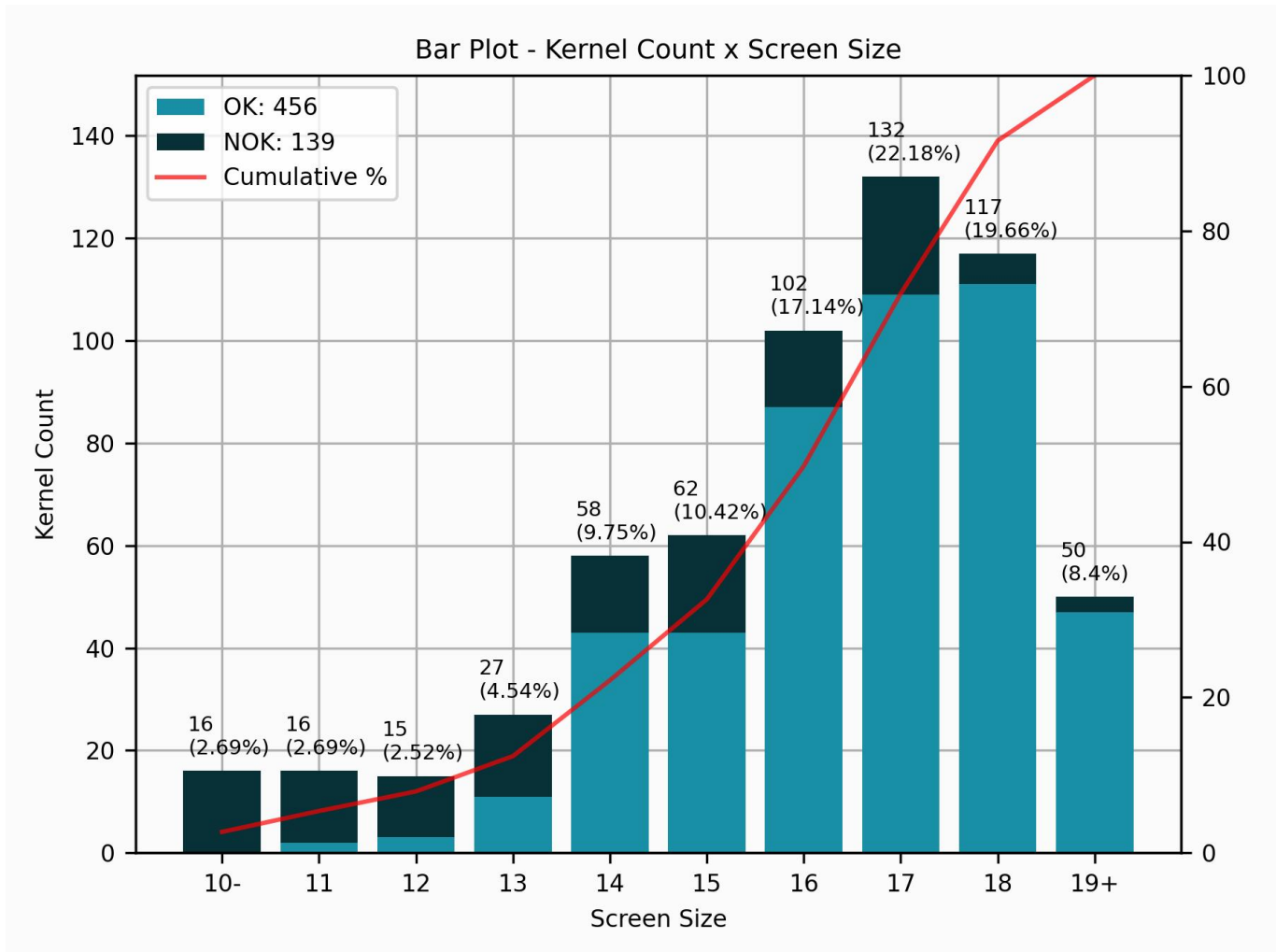
PSS # 10014558 | 350 bags | SSBR-90923 | Oct 24 | Test Coffee Exporter Co.

Classes Distribution:

Bar Plot - Kernel Count x Classes

Legend:
- OK
- Primary Defects
- Secondary Defects
- Foreign Matter

Data labels:
- Black: 0 (0.0%)
- Broken: 50 (8.4%)
- Floater: 0 (0.0%)
- Fox Bean: 8 (1.34%)
- Husk: 0 (0.0%)
- Immature: 30 (5.04%)
- Insect Dam.: 10 (1.68%)
- Ok: 448 (75.29%)
- Parchment: 1 (0.17%)
- Pod: 0 (0.0%)
- Rocks: 0 (0.0%)
- Shell: 20 (3.36%)
- Sour: 28 (4.71%)

![CSMART COFFEE TECHNOLOGIES SA logo]

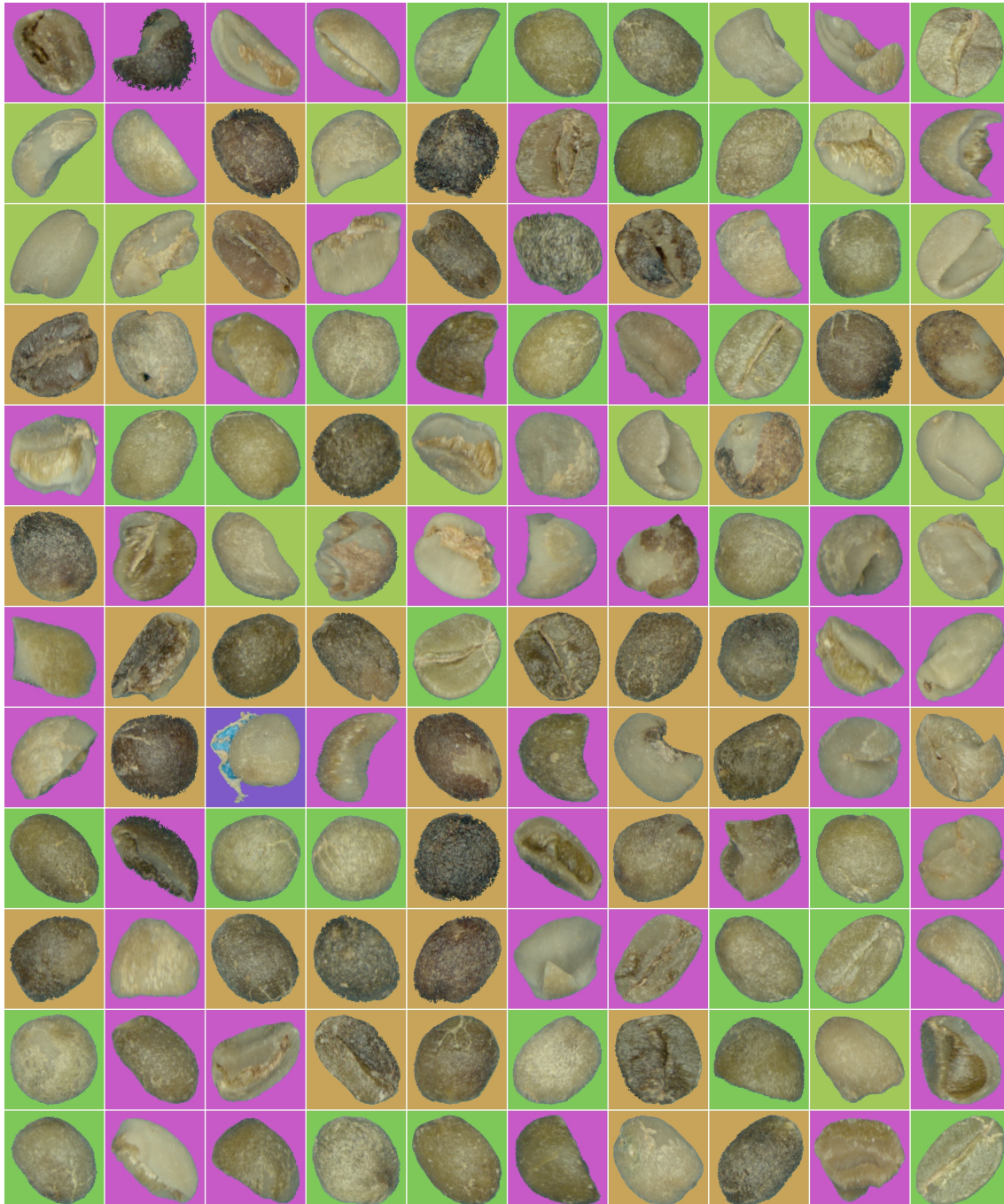# PSS # 10014558 | 350 bags | SSBR-90923 | Oct 24 | Test Coffee Exporter Co.

Sample Images - Non Defective Seeds:
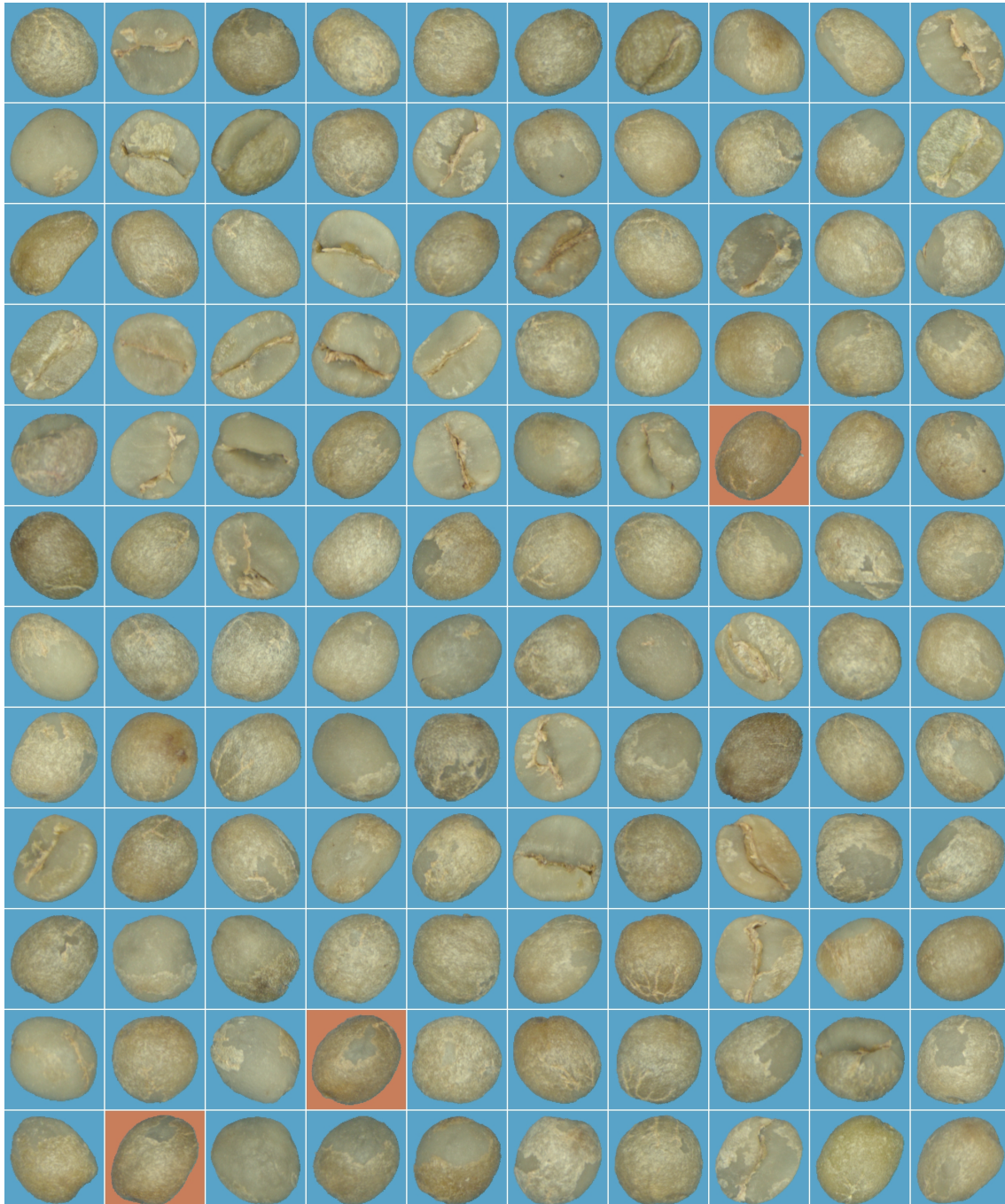
■ Fox Bean ■ Ok

PSS # 10014558 | 350 bags | SSBR-90923 | Oct 24 | Test Coffee Exporter Co.

Sample Images - Defective Seeds:

Black   Broken   Floater   Husk   Immature   Insect Dam.   Parchment

Pod   Rocks   Shell   Sour