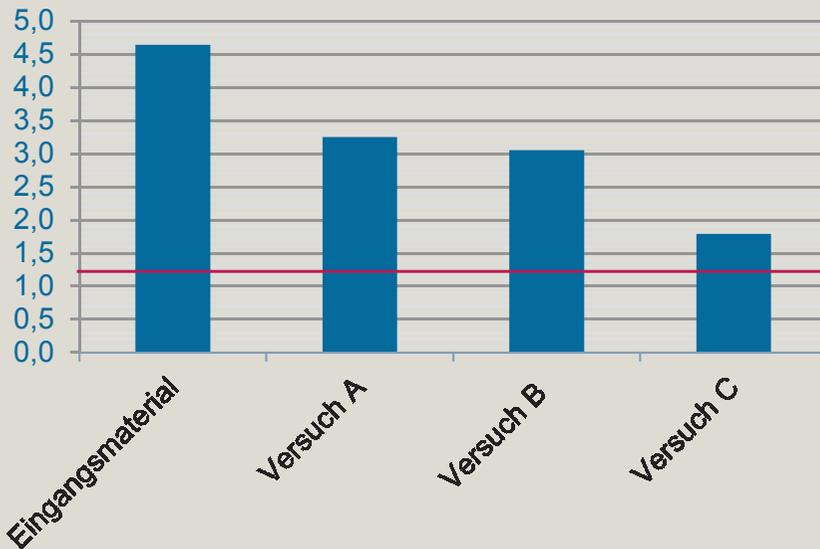
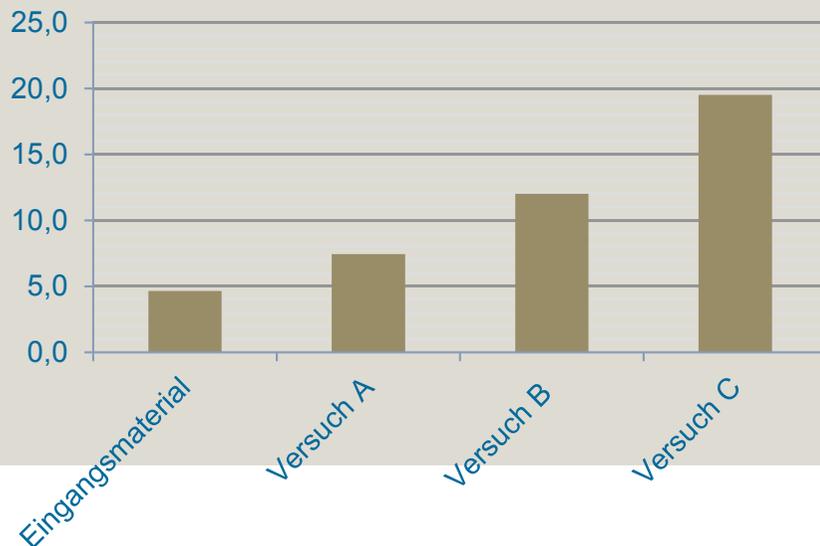


## FUSARIENTOXINE

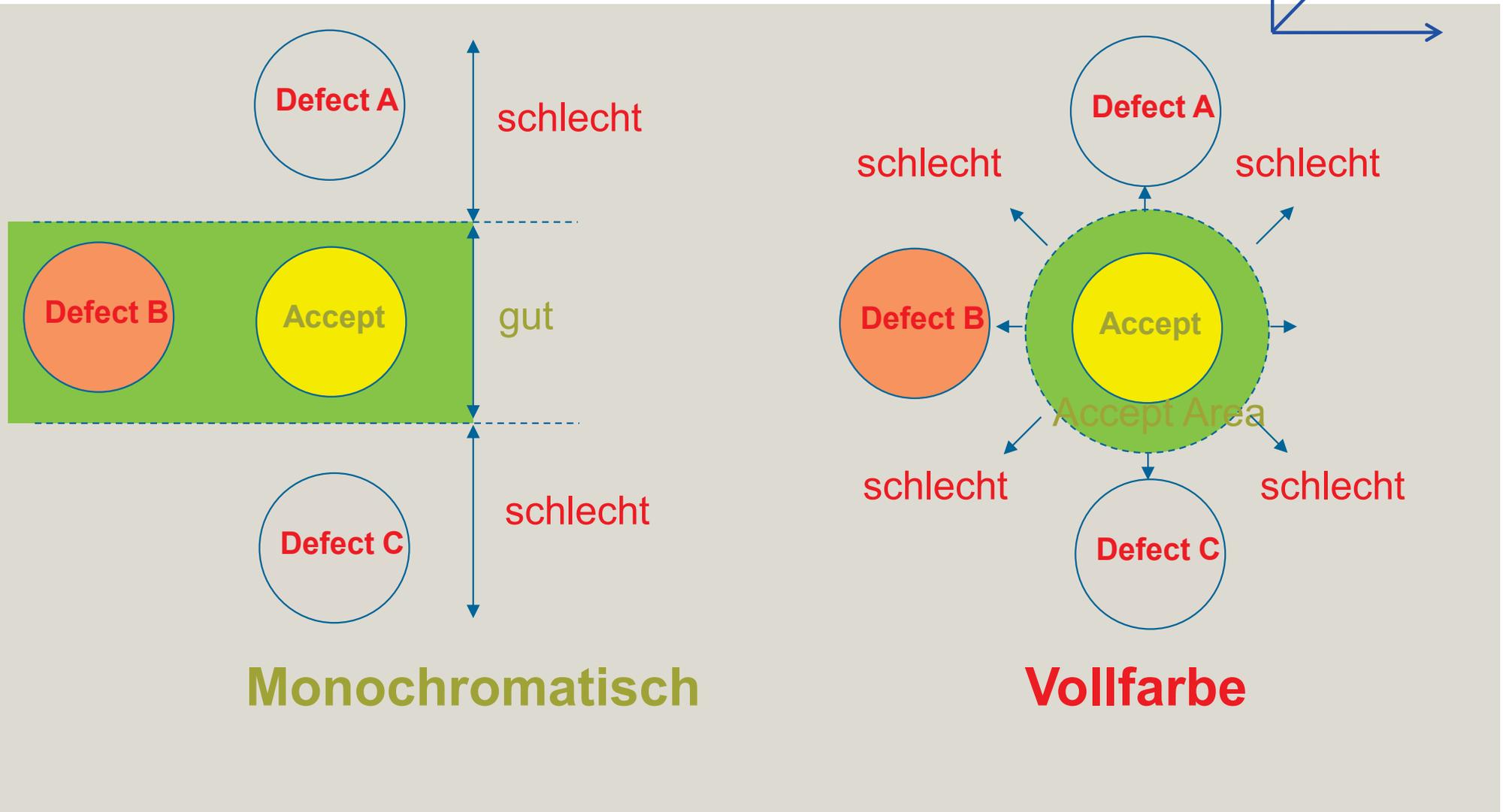
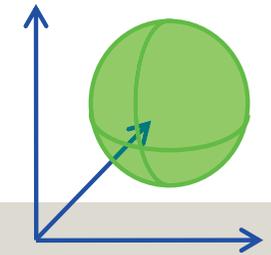


Probe	Messwert in ppm	
	LC-MS	VERTU™
Eingangsmaterial	2,90	4,64
Versuch A	95% Gutprodukt	2,60
	5% Schlechtprodukt	7,30
Versuch B	92,5% Gutprodukt	2,30
	7,5% Schlechtprodukt	9,20
Versuch C	90% Gutprodukt	1,60
	10% Schlechtprodukt	9,50

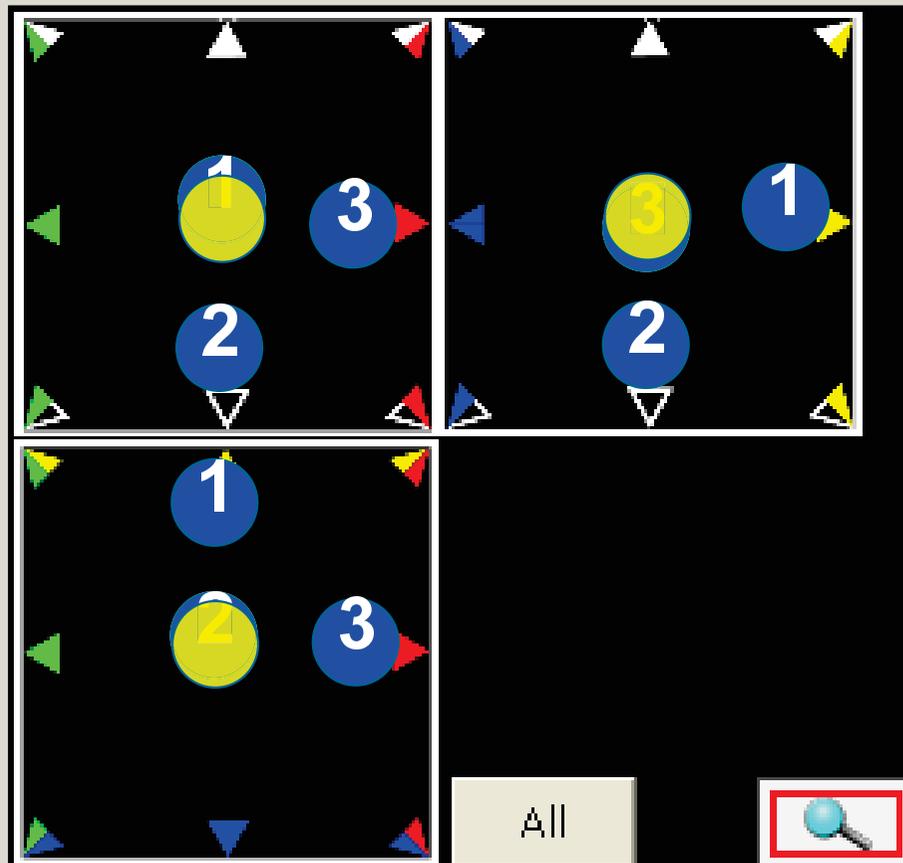
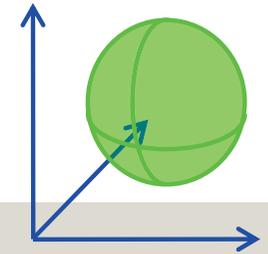


Fazit: InGaAs ist meistens überbewertet!

## INTERPRETATION – 3D FARBE

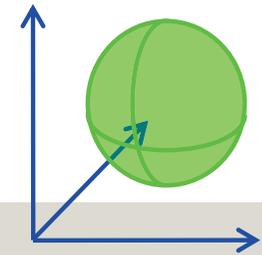


## INTERPRETATION – 3D FARBE



-  Good
-  Defect 1
-  Defect 2
-  Defect 3

## INTERPRETATION – 3D FARBE



franz

Evolution RGB Control - Current Preset 8

Report RGB Sensitivity - (DARK)

1: DARK (Grid, Dark)

2: Corn/Stick (Diagonal, Light Yellow)

3: White Rock (Grid, Light)

4: NUBS (Sphere, Reject 1)

FEEDERS

STATUS

MASTER OPERATOR CONTROL

SORT SETTINGS

EJECTORS

REJECT REPORT

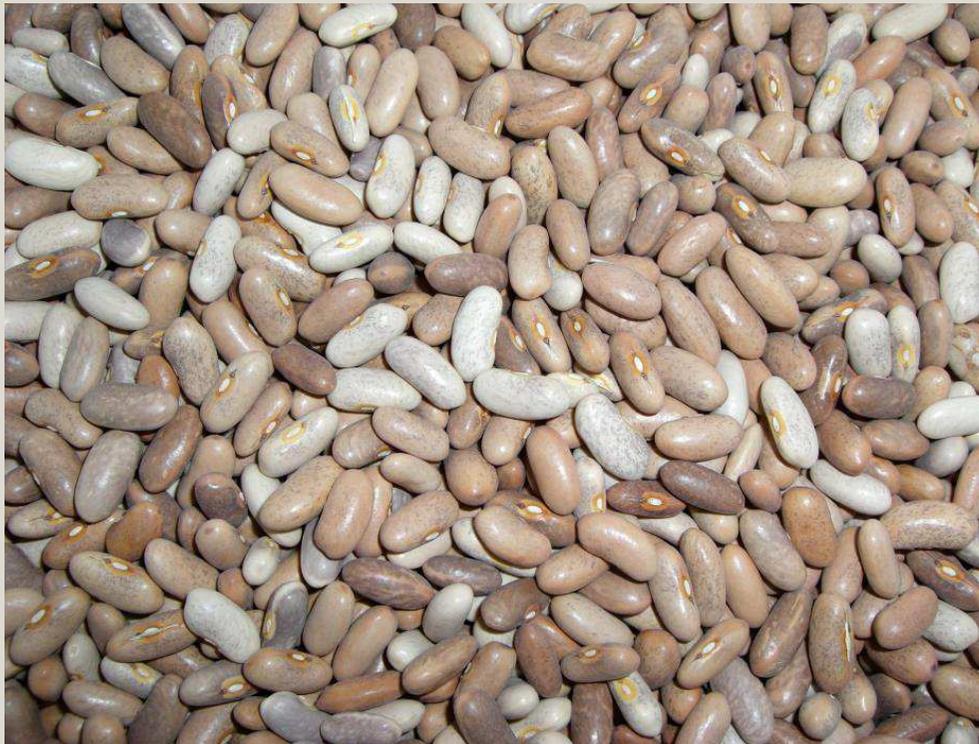
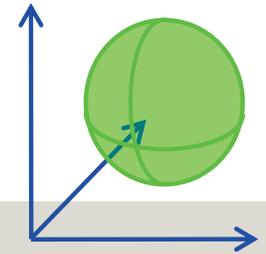
PRESETS

SCOPE

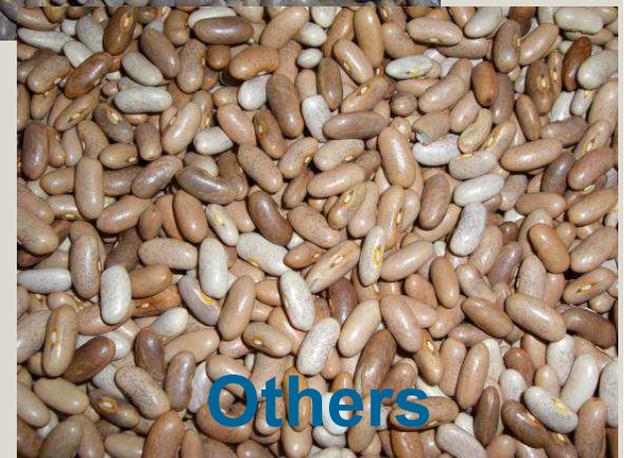
FRAME GRAB

ENGINEERING

## SORTIERUNG NACH FARBE

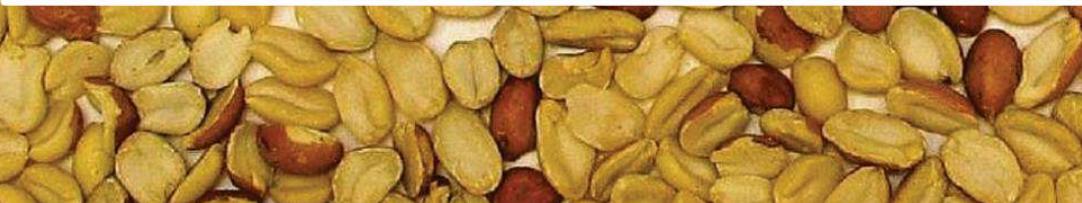
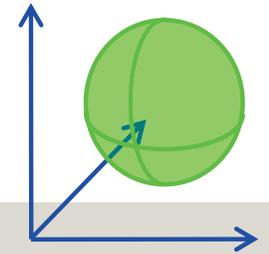


Purple



Others

## SORTIERUNG NACH FARBE



## SORTIERUNG NACH FARBE

INCOMING PRODUCT



ACCEPTED PRODUCT



REJECTED PRODUCT



DEFECTS ADDED

Wheat

Ergot

Barley



ACCEPTED PRODUCT



REJECTED PRODUCT



EFFICIENCY REPORT

INPUT		ACCEPT		REJECT	
TOTAL GOOD	TOTAL DEFECT	TOTAL GOOD	TOTAL DEFECT	TOTAL GOOD	TOTAL DEFECT
N/A	30 Pieces	99.99%	None Found	N/A	30 Pieces
100%		97.1%		2.9%	

PERCENTAGE OF GOOD PRODUCT REMOVED	Not Counted
PERCENTAGE OF DEFECT PRODUCT REMOVED	30 Out Of 30 Pieces

EFFICIENCY REPORT

INPUT		ACCEPT		REJECT	
TOTAL GOOD	TOTAL DEFECT	TOTAL GOOD	TOTAL DEFECT	TOTAL GOOD	TOTAL DEFECT
10 kg	300 pieces	9.4 kg	1 piece	0.6 kg	299 pieces
94 %		6 %			

PERCENTAGE OF DEFECT PRODUCT REMOVED	99.67 %
--------------------------------------	---------

## SOFTWARE



Formerkennung

## SOFTWARE

Evolution RGB Control - Preset #1 - 2222

**Report**

Accept

Reject

**Sort Settings**

Aspect Ratio	1.35	1.20	1.20
Area	1271	626	626
Circularity	0.81	0.78	0.78
Length	47	31	31
Area Distortion	0.03	0.06	0.06
Perimeter Distortion	0.07	0.08	0.08

Level 2

Add/Delete Sensitivity

Sensitivity

Sample

Set Background

Size Setting

Shape

View: FRONT

1: Defect 1

Area: 700

Berechnungen für das selektierte Gutprodukt

Berechnung für das selektierte Objekt im Kamerabild

Berechnung für das selektierte Schlechtprodukt

Das Kriterium mit dem größten Unterschied auswählen, hier Area

## LÖSUNGSANSÄTZE



## LÖSUNGSANSÄTZE



**VIELEN DANK!**

Lars Ruttmann  
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