Cleanliness Inspection Report - according to ISO 16232 (2007)

Date:		**Magnification:**		**Units:**	microns		**Filter in mm**
Company:	Clemex	**Calibration:**	5.0441 µm/pixel	**Filter area:**	1590	45	
Department:	Undefined «Department»	**# Fields:**	88	**Covered area:**	1640	mm2	
User name:	Generic User Name (si ...)	**Tot. mass of particles:**		mg	**Ratio:**	1.0	
Sample ID:	Filter	**# of components:**	2	**Mass / Component:**			
Wetted surface Ac:		cm2	**Wetted volume Vc:**		cm3	=> (For all components)	

Particle count data and Component cleanliness code (CCC)

Size class	B[a)]	C	D[b)]	E	F	G	H	I	J	K[c)]	**Fibers[d)] Count**
Size range (mic)	7.5 - 15	15 - 25	25 - 50	50 - 100	100 - 150	150 - 200	200 - 400	400 - 600	600 - 1000	> 1000	6
Blank count	(can be filled in manually or linked to an exported file)										**Total Particle**
Particle count (-blank)	-	3160	2829	794	534	95	56	12	5	6	7491
Count for 1 filter	-	3064	2743	770	518	92	54	12	5	6	7264
Standardised count C - component	--	1532	1372	385	259	46	27	6	2	3	3632
Cleanliness Level	--	11	11	9	9	6	5	3	1	2	12

COMPONENT CLEANLINESS CODE => **CCC :** C (B--/C11/D11/E9/F9/G6/H5/I3/J1/K2)

Global: C 12 Method: By cleanliness level

Notes:

a) At 16x, features smaller than 15 microns cannot be discriminated from artefacts and are not reported here.
b) At 16x, the precision decreases for particles under 50 microns. If a better precision is needed on smallest particles, use the routine for 55x instead.
c) Based on tiled features
d) Particles > 100 mic. with a String Length / String Width ratio > 30 (to be adjusted according to routine modification)

Largest particle => **X:** 3005.45 microns **Nature:** Fiber

Remarks / Comments:

Image => Field type: Longest fiber

Map view of the particles and fibers > 200 microns