

FILE No. DCEO/GeM/AVM/ Draft 2 11.09.2018														
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Major category : Laboratory supplies and fixtures UNSPSC - 41120000														
Sub Category : Laboratory microscope slides and supplies - UNSPSC Code - 41122600														
Microscopic slides : UNSPSC Code - 41122601														
S.No	Parameters	Grouping		Value 1	Value2	Value 3	Value 4	Value 5	Value 6	Golden	Validation	Whether Filter Required	p r i t o y	U n i t
Standards														
1	Confirmity to Standards	S	E	As per IS 3099 (Part - 2): 1992 latest amendment										
2	BIS marked	S	B	Yes	No									
3	If BIS marked, provide CM/L No otherwise put NA	S	T											
Performance Parameters														
4	Purpose of Microscope slides	P	E	Microscope Slides are used for transmitted light microscopy in the visible spectral range										
5	Refractive Index of Slides should be $n_d 1.53 \pm 0.02$	P	E	Yes										
6	Thickness of the slides in mm with permissible deviation ± 0.015 mm	P	E	0.95 mm to 1.15 mm	1.15 mm to 1.35 mm	1.35 mm to 1.55 mm								mm
7	Length of the glass slides in mm	P	E	45	76									mm
8	Width of the glass slides in mm	P	E	26	39	52								mm
Material Parameters														

9	Material of the glass slides	M	E	Transparent and Colourless Glass						
Additional Parameters										
10	The number of slides containing seed visible at 5 x magnification shall not exceed 2% per package	A	E	Yes						
11	Surface of slides shall be free from pits, scratches and other irregularities when viewed at 5 x magnification	A	E	Yes						
12	Working surface of slide shall be parallel to within five minutes of arc	A	E	Yes						
13	Edge of the slides shall be ground to become free from sharp edges and chips	A	E	Yes						
Packaging Parameters										
14	Slides shall be supplied in cartons in pieces	Pk	E	50	100					pieces
15	All the slides in a carton shall preferably be of same size	Pk	E	Yes						
16	Slides should be interleaved with suitable dust free paper	Pk	E	Yes						
17	Material of packaging of slides shall be free from chemicals that may cause corrosion of the surfaces	Pk	E	Yes						

18	Each carton of glass slide have to indicate source of manufacture,material & description, average no of slides in carton and dimension of cover slips (length and width and thickness)	Pk	E	Yes						
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Miss Ritika (EA)

Shri A. V. MURALIDHARAN (Dy. CEO)



