

## Summary Sheet: Classification of Biodegradable Plastic Bags

(this summary sheet is to be filled by a third party laboratory where the tests were conducted)

### Section 1 Details of the Laboratory

Name: .....  
Address: .....  
Email: ..... Contact numbers: .....

### Section 2 Details of the Biodegradable Plastic Bag

Type of the plastic bag: .....  
Type and the amount of additive used: .....  
Intended use of the bag: .....  
Are the bags Oxo-Biodegradable: YES ☐ NO ☐

PLEASE FILL THE REQUIRED INFORMATION REGARDING THE BIODEGRADABILITY OF THE PLASTIC BAGS SUBJECTED FOR TESTING.

### Section 3 Determination of the biodegradability of the plastic bags

Amount degraded (in Percentage): .....  
Time taken to degrade the amount specified: .....  
Non-biodegradable fraction (in percentage): .....

### Section 4 Determination of service life and storage life (specify the duration)

Service life: .....  
Storage life: .....

### Section 5 Determination of the conditions at which biodegradability occurs (please specify)

.....  
.....  
.....  
.....  
.....

### Section 6 Determination of the by-products of biodegradation (please specify)

.....  
.....  
.....  
.....  
.....

## Section 7 Determination of the amount of heavy metals, if released during degradation (specify the amounts)

	mg/kg of dry substance		mg/kg of dry substance
Zinc (Zn)		Chromium (Cr)	
Copper (Cu)		Molybdenum (Mo)	
Nikel (Ni)		Selenium (Se)	
Cadmium (Cd)		Arsenic (As)	
Lead (Pb)		Fluoride (F)	
Mercury (Hg)			

## Section 8 Determination of the weight of the biodegradable bag before and after degradation

(specify the weight in Daltons)

Molecular weight of the bags before degradation:

Average molecular weight of the bags after degradation:

## Section 9 Determination of the percentage of non-biodegradable contents

Percentage of gel content:

Percentage of any other non-biodegradable contents:

## Section 10 Determination of food safety if used for food packing

Are the bags safe to be used for food packaging : YES ☐ NO ☐

## Section 11 Determination of the total biodegradation amount

Total biodegradation amount:

I hereby, confirms that all the information given in this summary sheet are true and correct as to the best of my knowledge.

Name: .....

Designation: .....

Date: ..... Signature: ..... Company Seal: .....



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This summary sheets should be submitted with the **original documents** issued by the laboratory for the following tests (Please note that the laboratory reports should not be more than 6 months old from the date of issue).

Please fill the check list of the test results, stated in the lab report issued.

Tests required	Tick <input checked="" type="checkbox"/>
Test to determine of biodegradability of material:	
Test to determine of degradation time:	
Test to determine of service life and storage life:	
Test to determine the conditions at which biodegradability occurs:	
Test to determine the by-products of biodegradation:	
Test to determine the Weight of biodegradable bags before and after degradation:	
If to be used for food packaging, tests demonstrating its safety for food packaging:	
Test to determine the total biodegradation amount:	
If Oxo-biodegradable bags abiotic degradation tests:	
Test to determine the percentage of gel and other non-biodegradable contents:	
Test to determine the heavy metal content:	
Attested copy of an official government approval of the laboratory (Registration):	

Check list of documents that needs to be delivered with this summary sheet

Documents	Tick <input checked="" type="checkbox"/>
Original documents showing the result of the test mentioned above:	
Attested copy of an official government approval of the laboratory (Registration):	

Office Use	Received by
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Name: .....

Signature:

Date:



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މިއިތުރު ބަޔާންކުރި މަޢުލޫމާތު ސަރުކާރުގެ ރިސޯޓްގައި  
"މާ" ދިވެހިސަރުކާރުގެ 20392  
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