

## **Technical Datasheet**

Analysis Nar	ne: Osmop	Osmophilic Mold and Yeast			
Method Number: NQA-00		0.4420			
Scope of Application: Osmop sugar s concen chocola carame		nilic Mold and Yeast can grow in highly concentrated olutions or in food products containing high sugar trations, such as sweetened condensed milk, jams, ite candy with soft centers, honey, molasses, corn syrup, I, concentrated fruit juices, and other similar products.			
Descripti	on: Osmopl the food organis < 0.85) nutrient	Osmophilic microorganisms most commonly encountered in the food industry are fungi (molds and yeasts). These organisms are capable of growth at a reduced water activity (a <sub>w</sub> : < 0.85) when all other conditions (pH, temperature, Eh, and nutrients) remain near optimum.			
Sample Weig Requir	ght 25 g ed:				
Method Referen	oce: Comper of Foods, 1	Compendium of Methods for the Microbiological Examination of Foods, 2001, 4th Ed., Chapter 17, APHA, Washington DC.			
Analytical Platfo	rm: Cultural	Cultural Method			
Special Information: Yeas term yeas redu grov		asts which grow or tolerate high salt concentrations are med halophiles and are not included in the Osmophilic asts. Xerophilic ("dry - loving") molds will also grow at luced a <sub>w</sub> or below 0.85. Only halophilic bacteria are able to by below this a <sub>w</sub> level.			
Analyte Reported	Alias	Unit of	Limit of	Reproducibility	
		Measure	Quantification		
Osmo Mold		CFU/g	<10 CFU/g		
Osmo Yeast		CFU/g	<10 CFU/g		
Osmo Mold		CFU/mL	<1 CFU/mL		
Osmo Yeast		CFU/mL	<1 CFU/mL		
Osmo Mold		CFU/swab	<10 CFU/swab		

<10 CFU/swab

CFU/swab

1/27/2025

Osmo Yeast