



## UYEMURA TECHNICAL CENTER

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# Lab Report

**IBM**

Date of sample	10/15/19	Standard Bath Conditions	10/28/19	Standard Bath Conditions	10/29/19	Standard Bath Conditions
UIC Number	6273					
Type of Bath	ANP 1012		ANP 1012		ANP 1012	
MTO						
pH	4.38		4.39		4.45	
Specific Gravity (Be)	1.0547		1.0542		1.0616	
MTO dependent						
Type of Plating Test						
Temperature of Test						
Current						
Time						
Agitation Mode						
Bright Plate Range ASF						
Efficiency mg/amp. min.						
Nickel g/Litre	3.55		3.58		4.11	
Hypophosphite g/Litre	21.8		21.4		27.1	
Brightener percent	83%		58%		75%	
Nitrate						
Orthophosphite mol/L	0.0310		0.0315		0.00425	

**Comments: 10/15 and 10/28 hypo concentrations are low.**

**Please reply with questions.**