

	DOCUMENT:	NCHALO SUGAR ESTATE PRODUCT SPECIFICATIONS	DOCUMENT NO.
	SUBJECT:	LIGHT DEMERARA /BROWN SUGAR SPECIFICATION	SPEC/04(b)
COMPILED BY:	SHERQ MANAGER	SIGNATURE:	EFFECTIVE DATE:
REVIEWED BY:	PRODUCTION SPECIALIST	SIGNATURE:	01-Apr-23
APPROVED BY:	FACTORY MANAGER	SIGNATURE:	REVISION NUMBER: 03

			Certificate Of Analysis
Customer			
Illovo Product Code		BLR 810A	✓
Bag Size		1050Kg	
Bag Colour		Light Green with middle grey line/Brown bag	
Physical Parameters	Units		
Solution Colour	420nm ICUMSA	1800-2200	✓
Mean Aperture	mm	0.6-1.0	✓
Moisture	%	0.10 Max	✓
Polarisation	%	99.49 Max	✓
Conductivity Ash	%	≤0.30	✓
Invert Sugar	%	0.15 max	
Sulfur Dioxide	mg/kg	<10	
Insolubles	ppm	250 max	✓
Taste	N/A	No off taste	✓
Odor	N/A	No off odour	✓
Crystal size variation coefficient	%	30 max	✓
Chemical Parameters	Units		
Arsenic	ppm	≤1	
Lead	ppm	≤1	
Copper	ppm	≤2	
Mercury	ppm	<0.01	
Microbiological Parameters	Units		
Total Plate Count	(cfu/g)	<200	
Yeast and Moulds	(cfu/g)	<50	
Osmophilic Yeasts	(cfu/g)	<100	
Osmophilic Moulds	(cfu/g)	<100	
Enterobacteriaceae	(cfu/g)	Neg/10g	
E. Coli	cfu/10g	Absent	✓
Salmonella	cfu/10g	Neg/25g	