

CERTIFICATE OF ANALYSIS

Certificate No.:	KCPL-PEPLC/22/08/23	Date:	22/08/23
Name of the Customer	H TWO O Engineering PLC, Ethiopia		
Name of the Product:	Granular Activated Carbon	Grade:	NEERSORB™ 830C SPL
Type of Precursor:	Coconut shell based	Packing Size (Kgs):	25
Manufacturing Process:	Steam Activation	Quantity (MT):	14
Batch No.:	CC/52/21/08	Manufacturing date:	21/08/23
Date of Expiry	5 years from date of manufacturing if stored as per MSDS		
Order#	Mail	Date:	08.06.2023
Date :	22.08.2023	Invoice#	KCTE/031/23-24
L.C. #	LC No. AB1000ILC0095623	Issuing Date:	10.07.2023
Specifications:			
	Limit	Actual Value	Test Method
1. Iodine Value, mg/g	1000 min	1080	ASTM D4607
2. Methylene Blue No, %	>=20	21	ACPL, TM
3. Apparent Density, kg/m ³	500±30 min	530	ASTM D2854
4. Moisture, % as packed	2 max	1.7	ASTM D2867
5. Ash, % (as soluble)	4 max	1.8	ASTM D2866
6. pH	9-11	10.5	ASTM D3838
7. Hardness, %	98 min	99.0	ASTM D3802
8. Chlorine Half length, cm	2.9	2.9	ACPL, TM
9. Particle size, mesh	8*30	8*30	
+ 8 mesh (2.36 mm), %	5 max.	3.5	ASTM D2862
- 30 mesh (0.6mm), %	5 max.	2.1	ASTM D2862
Signature of Chemist: 			
Date:	22/08/23		