



**Pusat Tenaga & Alam Sekitar
Energy & Environment Centre**

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RESULTS SUMMARY

Company Name	Kastone Sdn. Bhd.	Your Ref No.	423QT2400323
Contact No.	Ms. Nurul Hayati 019-4455602	SIRIM Ref. No.	ETRC 257/16/1586
Address	Lot 6492, Jalan Haji Abdul Manan, Off Jalan Meru 41050 Klang, Selangor	Job No.	J256/24
		Report No.	R399/24
		Date of Issue	7 August 2024
		No. of pages	2
Request	Analysis of Stone and Brick Veneer Sample		

SAMPLE DESCRIPTION:

One (1) solid sample was received on 12 July 2024 and coded as below:

Job No.	Sample Code
J 256/24	SUZUKA KASTONE

TEST METHODS:

Toxicity Characteristic Leaching Procedure (TCLP) according to National Environment Agency (NEA) Singapore:

1. Toxicity Characteristic Leaching Procedure (TCLP) according to USEPA 1311 and heavy metals analysis namely Ag, As, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Pb, Se and Zn according to USEPA 6010C
2. Mercury analysis according to USEPA 7473 using NIC Mercury Analyzer
3. Cyanide analysis according to APHA 4500 CN C&E
4. Fluoride analysis according to APHA 4110 B
5. Phenol analysis according to APHA 5530 D

RESULT:

Refer page 2 to 3.

INFERENCES:

(The inferences expressed herein are outside the scope of accreditation.)

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RESULT:**Table 1: Extent of Alkalinity and TCLP Extract**

Sample	pH of sample in deionized water	*pH of sample after addition of 1N HCl	pH of TCLP extract	Date of Analysis
SUZUKA KASTONE	12.39	11.94	11.22	17.07.2024

*Based on the alkalinity of sample, the extraction of liquid used was glacial acetic acid.

Table 2: TCLP Analysis for Inorganic

Parameter	Concentration (mg/L)	*Maximum Concentration Level (mg/L)	Date of Analysis
Arsenic, As	0.02	5	02.08.2024
Barium, Ba	0.2	100	
Cadmium, Cd	0.001	1	
Chromium, Cr	0.05	5	
Copper, Cu	< 0.005	100	
Iron, Fe	< 0.2	100	
Lead, Pb	0.03	5	
Manganese, Mn	< 0.001	50	
Nickel, Ni	0.001	5	
Selenium, Se	< 0.02	1	
Silver, Ag	0.1	5	
Zinc, Zn	< 0.007	100	
Mercury, Hg	0.0001	0.2	25.07.2024
Cyanide	< 0.0006	10	18.07.2024
Phenol	< 0.1	0.2	22.07.2024
Fluoride	< 0.001	150	28.07.2024

*Note: Leaching Test-Recommended Acceptance Criteria for Suitability of Industrial Wastes for Landfill Disposal according to National Environment Agency (NEA), Singapore

