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APPENDICES

APPENDIX 1

XRF Data of Lapindo Mud and Synthesized Lapindo Catalyst

a. LM



UNIVERSITAS GADJAH MADA
LABORATORIUM PENELITIAN DAN PENGUJIAN TERPADU

RDP17.8.1/LPPT
Rev. 0
Halaman 1 dari 1

LAPORAN HASIL UJI
No. Sertifikat : 01567a.01/XI/UN1/LPPT/2019
No. Pengujian : 19100101567

Informasi Customer

Nama	: Afra Alethiana	Tanggal Penerimaan	: 24 Oktober 2019
Alamat	: S1 Kimia MIPA UGM	Tanggal Pengujian	: 24 Oktober 2019

Hasil Pengujian

Lumpur Lapindo A

Metode Uji: ED-XRF Kualitatif (Fundamental Parameter/Standardless)

Komponen	Hasil	Standard Deviasi	Satuan
O ₂ *	24,95	0,41	mass%
Al ₂ O ₃	18,83	0,21	mass%
SiO ₂	20,38	0,74	mass%
Cl	24,04	0,66	mass%
K ₂ O	1,271	0,051	mass%
CaO	2,019	0,032	mass%
TiO ₂	0,749	0,011	mass%
MnO	0,152	0,004	mass%
Fe ₂ O ₃	7,398	0,077	mass%

Komponen	Hasil	Standard Deviasi	Satuan
NiO	387	10	mg/kg
CuO	214,2	6,4	mg/kg
ZnO	200,5	5,0	mg/kg
As ₂ O ₃	42,1	1,0	mg/kg
Br	100,1	2,4	mg/kg
Rb ₂ O	121,0	2,3	mg/kg
SrO	560,3	8,1	mg/kg
ZrO ₂	255	10	mg/kg
BaO	250,9	9,8	mg/kg

* Analyzed as balance



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