

## CERTIFICATE OF ANALYSIS

QUANTITY/COMMODITY : 80.000 MT (3.200 BAGS)  
METHYL ESTER SULPHONATE (NOT FOR MEDICINAL USE)

PACKING : IN 25 KG BAGS LOOSE STUFFED

PRODUCTION DATE : DECEMBER 07, 2017; DECEMBER 08, 2017; DECEMBER 09, 2017; DECEMBER 10, 2017

EXPIRY DATE : DECEMBER 07, 2018; DECEMBER 08, 2018; DECEMBER 09, 2018; DECEMBER 10, 2018

VESSEL : SINAR SABANG V.473N

PI NO : 100217RK3622

CONTAINER / BATCH NO : SIKU 3110065 (MES171207-11W); TCLU 2567368 (MES171208-11W); SIKU 3102727 (MES171209-12W)  
SIKU 3112392 (MES171210-11W); SIKU 3108725 (MES171209-11W)

A COMPOSITE SAMPLE WAS DRAWN FROM THE ABOVE-MENTIONED CONSIGNMENT FOR ANALYSIS. ON ANALYSIS THE FOLLOWING RESULTS WERE OBTAINED :

Parameter	Unit	Result			Specification	Test Method
Container No. batch no.		SIKU 3110065 MES171207-11W	TCLU 2567368 MES171208-11W	SIKU 3102727 MES171209-12W		
Appearance	-	Off White Powder	Off White Powder	Off White Powder	Off White Powder	Visual
Active Mater	%	85.4	84.7	86.0	83 min	LT-7.03
Zeolite	%	5.1	5.9	5.1	3-7	LT-7.11
Water	%	3.5	3.4	3.2	5 max	LT- 7.07
Bulk Density	kg/l	0.6	0.6	0.7	0.5-0.8	LT-7.12
Color (klett in 5% Solution)	-	20	25	22	50 max	LT-7.01
pH (Value)		5.8	6.0	6.3	4.5-7.0	LT-7.02

Parameter	Unit	Result			Specification	Test Method
Container No. batch no.		SIKU 3112392 MES171210-11W	SIKU 3108725 MES171209-11W			
Appearance	-	Off White Powder	Off White Powder	Off White Powder		Visual
Active Mater	%	85.2	85.8	83 min		LT-7.03
Zeolite	%	5.0	5.1	3-7		LT-7.11
Water	%	3.3	3.4	5 max		LT- 7.07
Bulk Density	kg/l	0.7	0.7	0.5-0.8		LT-7.12
Color (klett in 5% Solution)	-	24	24	50 max		LT-7.01
pH (Value)		6.1	5.9	4.5-7.0		LT-7.02

for and on behalf of  
PT. WILMAR NABATI INDONESIA

