

PENETAPAN KADAR PENGAWET METHYL PARABEN DALAM QUANTIDEX SYRUP 00221

Nama Alat : HPLC Knauer Smartline 2 (HPL02/02)
 Kolom : L1 Phenomenex (C18; 250 x 4,6 mm; 10 µm)/K17-025
 Suhu Kolom : -
 Flow rate : 1,5 mL/menit
 Fase gerak : Dapar 7,0 : ACN (50:50)
 pH fase gerak : 6,99 (PHM01/05)
 Pelarut : Fase Gerak
 Panjang gelombang : : UV-248 nm
 Nomor MA/LKH : LKH/01/PPE/01

Baku

No.	Area
1	91714 ✓
2	91520 ✓
3	91161 ✓
4	90699 ✓
5	91914 ✓
6	91402 ✓
Rata-rata	91402 ✓
RSD	0,471 ✓

03-Mar-2020 16:05:09
 Methylparaben 98,66%
 001M 0.01383 g
 002M Bk 0.00001 g
 03.03.2020 RSU TIM 18/05 16.30

Quantidex Syrup 00221 03.03.2020
 TIM 21/01 18.30

Kadar Methylparaben

No.	Area	Sampel/BJ	Kadar (mg)	Kadar (%)	Rata-rata (%)	Spesifikasi
1	90195 ✓	0,6810	0,6732	98,86 ✓	100,00 ✓	80 - 120 %
2	90891 ✓	0,6709	0,6784	101,13 ✓		

Penimbangan baku : 13,83 - 0,00 = 13,83 mg ✓
 Potensi baku : 98,66% ✓
 Pengenceran baku : /100*1/100 10000
 Pengenceran Sampel : /50*5/50 500
 Faktor Pengenceran : 0,05
 Kandungan tiap 5 mL : 5 mg
 Penimbangan sampel 1 : 0,7266 g ✓
 Penimbangan sampel 2 : 0,7158 g ✓
 BJ : 1,067

ms kadar pengawet ✓
 18/03/2020

Acc Sfa 05/03/2020

03-Mar-20
 RSU

System Suitability Report

Sequence : D:\2020\Maret 2020\Metyl Paraben\Sequence\030320.seq
 User : analis_rnd
 Printed : 03/03/2020 19:36:45

System is Suitable

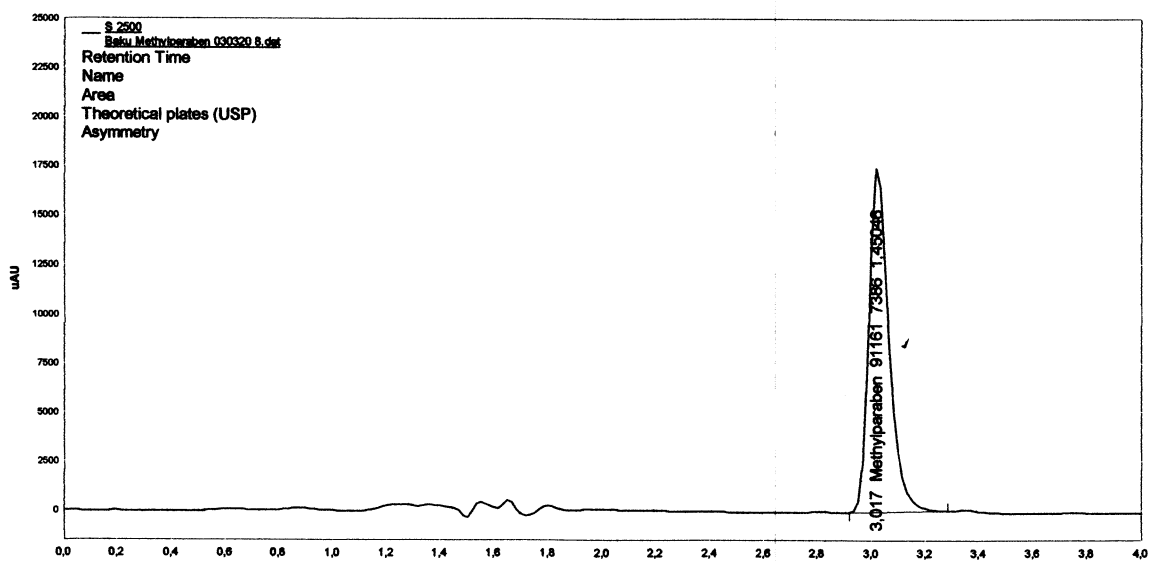
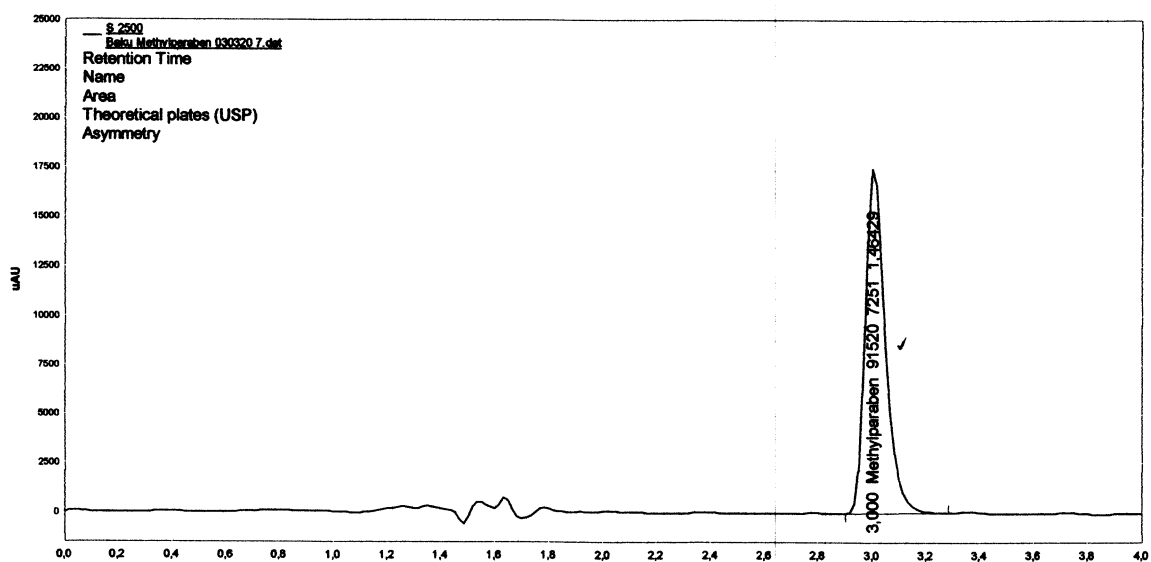
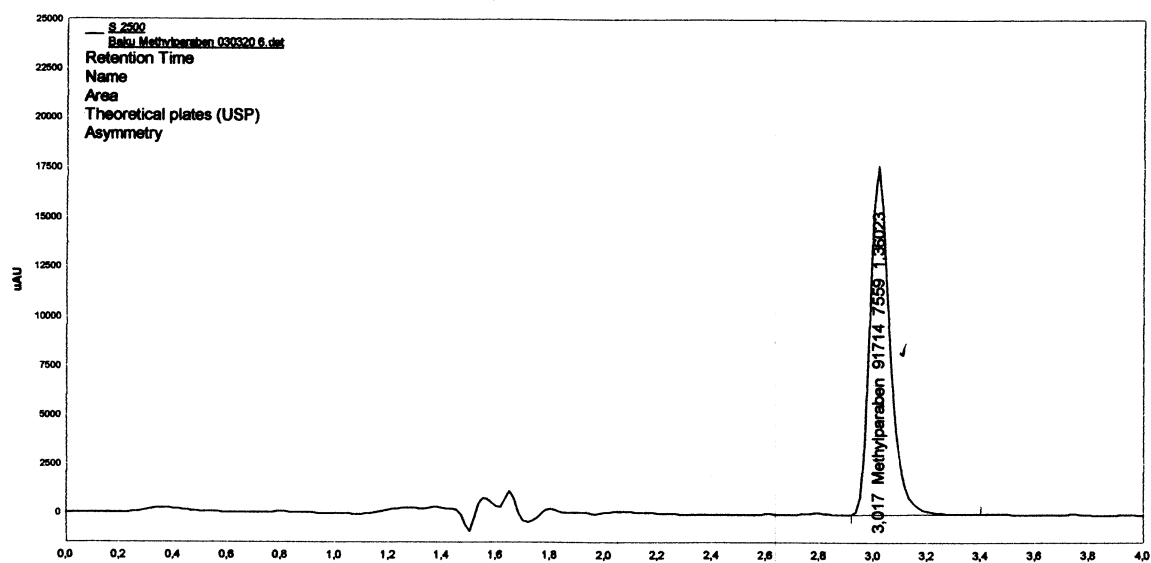
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	Methylparaben	asymm		2			
		tpusp	2000				
		rt			2		
		area			2		
Sample ID	Compound	Parameter	Average	Low	High	%RSD	Status
	Methylparaben	asymm	1,40173 ✓	1,31485	1,46429	4,449	
Methylparaben		1,36023					Passed
Methylparaben		1,46429					Passed
Methylparaben		1,45046					Passed
Methylparaben		1,36705					Passed
Methylparaben		1,31485					Passed
Methylparaben		1,45352					Passed
		tpusp	7435 ✓	7251	7581	1,800	
Methylparaben		7559					Passed
Methylparaben		7251					Passed
Methylparaben		7386					Passed
Methylparaben		7581					Passed
Methylparaben		7504					Passed
Methylparaben		7326					Passed
		rt	3,017	3,000	3,033	0,349 ✓	
Methylparaben		3,017					Passed
Methylparaben		3,000					Passed
Methylparaben		3,017					Passed
Methylparaben		3,017					Passed
Methylparaben		3,033					Passed
Methylparaben		3,017					Passed
		area	91402	90699	91914	0,471 ✓	
Methylparaben		91714					Passed
Methylparaben		91520					Passed

System Suitability Report

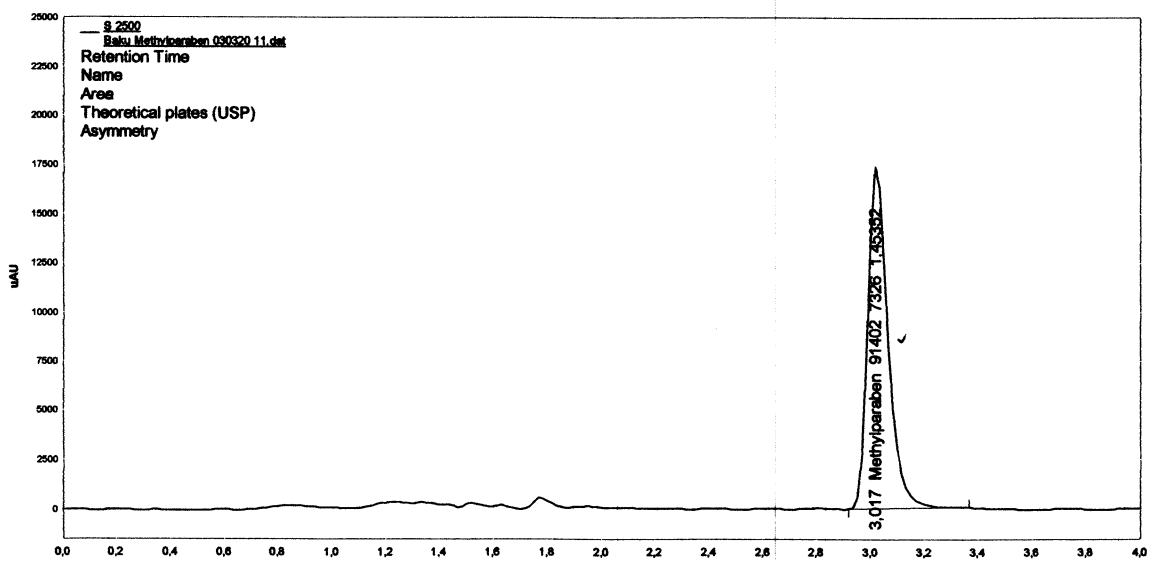
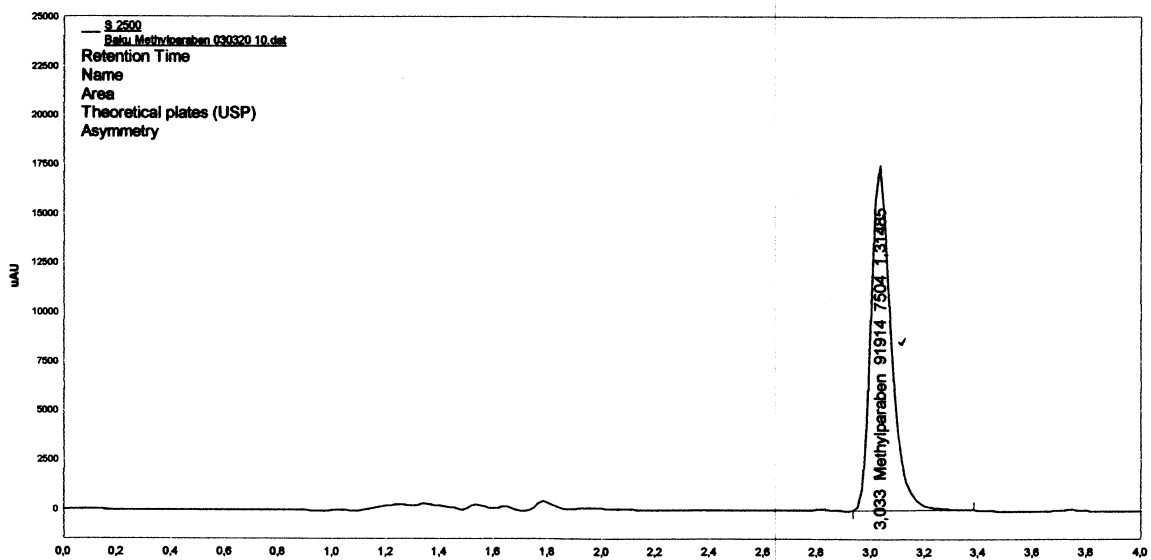
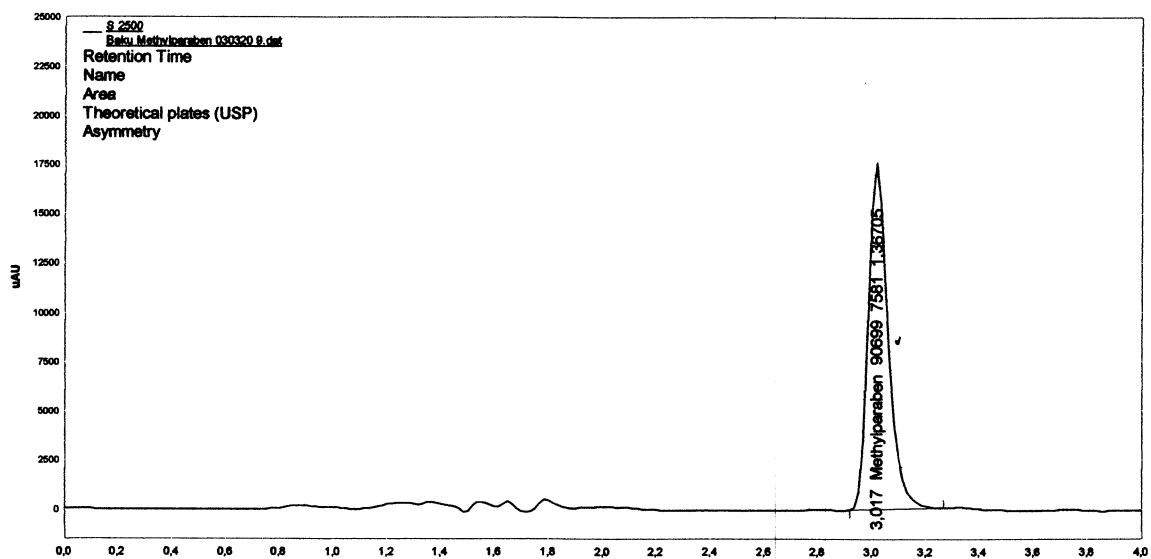
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User : analis_rnd
Printed : 03/03/2020 19:36:45

Methylparaben	91161	Passed
Methylparaben	90699	Passed
Methylparaben	91914	Passed
Methylparaben	91402	Passed

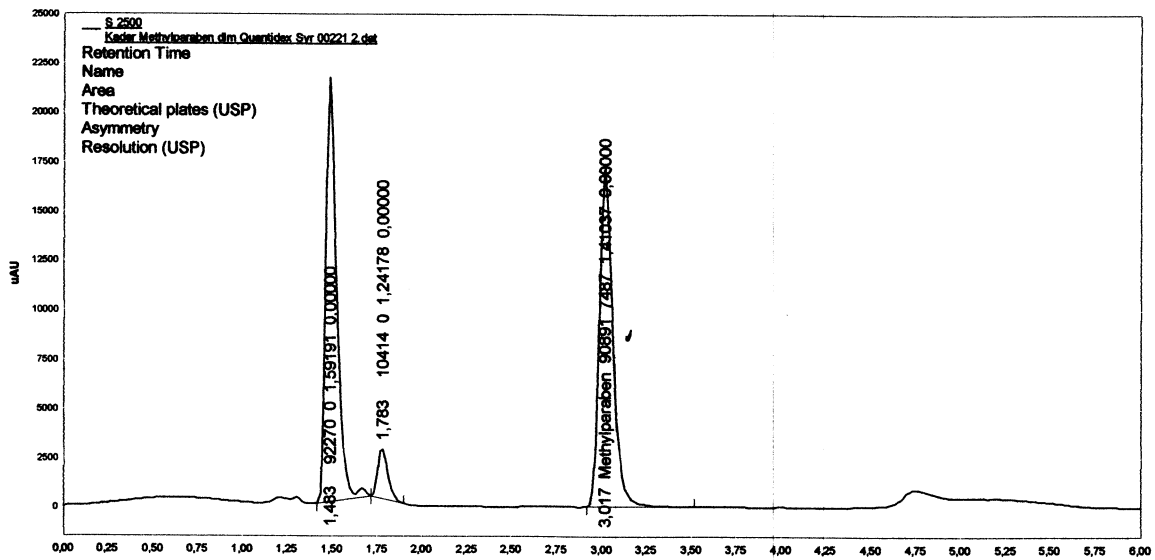
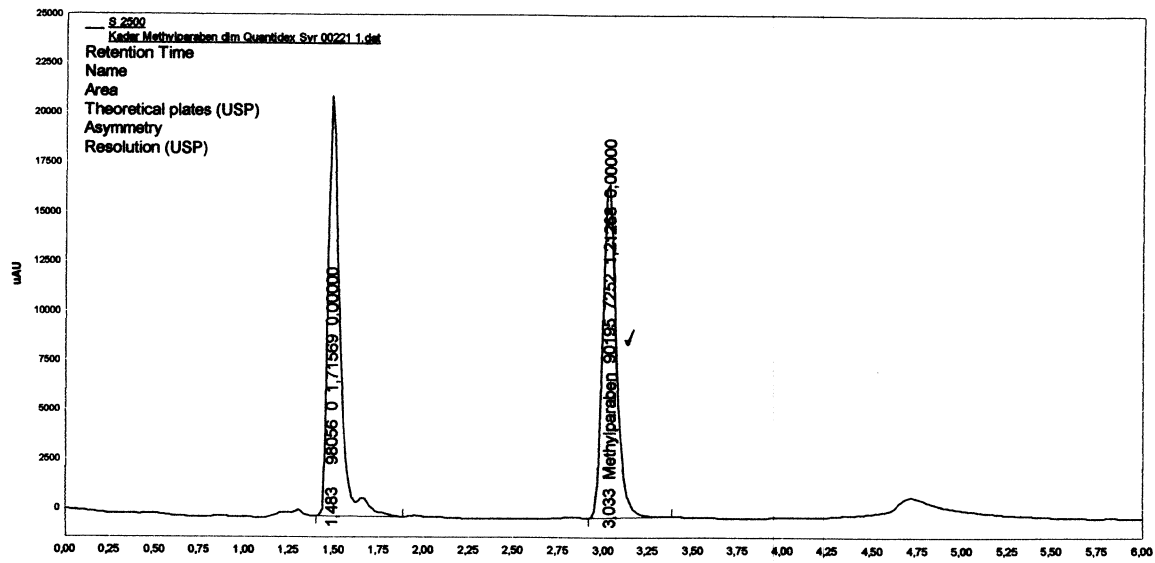
KROMATOGRAM BAKU METHYLPARABEN



03.03.2020
 psu 4/6



KROMATOGRAM SAMPEL QUANTIDEX SYRUP 00221



03.03.2020
PS4
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