

# Certificate

QUMA

## Composition of Calibration Standard No. QS8

order number Q100.103\_QS8

ID no.: XXXXX

Name	CAS Nr.
1 Petrol 80/100 (Benzin 80/100)	64742-89-8
2 Acetone	67-64-1
3 Ethyl acetate	141-78-6
4 Isopropyl acetate	108-21-4
5 2-Butanone (Methylethylketon)	78-93-3
6 Methanol	67-56-1
7 Propyl acetate (n-Propylacetat)	109-60-4
8 Isopropanol (2-Propanol)	67-63-0
9 Ethanol (Ethanol)	64-17-5
10 4-Methyl-2-pentanone (Methyl-iso- butylketon)	108-10-1
11 Toluene (Toluol)	108-88-3
12 1-Propanol (n Propanol)	71-23-8
13 Butyl acetate (n-Butylacetat)	123-86-4
14 Isobutanol	78-83-1
15 1-Methoxy-2-Propanol (Dowanol PM)	107-98-2
16 1-Butanol (n Butanol)	71-36-3
17 1-Ethoxy-2-propanol (EP)	1569-02-4
18 1-Ethoxy-2-Propyl Acetate	54839-24-6
19 1-Methylether-2-propyl acetate	108-65-6
20 2-Ethoxyethanol (Ethylglykol)	110-80-5
21 Etylene glycol monoethyl ether acetate (Ethylglykol acatate)	111-15-9
22 Ethyllactat	97-64-3
23 3-Methoxy-1-butanol	2517-43-3
24 2- Butoxyethanol (Butylglykol)	111-76-2
25 Dipropylenglykolmonomethylether (Dowanol DPM)	34590-94-8
26 1,2 Propylenglykol	57-55-6
27 Prooxypropanol	1569-01-3
28 2-2-Ethoxyethoxyethanol DEGEE	111-90-0

Each : 3,5714 wt.% ± 0,01%.  
Total density d = 0,881

**9,44 mg/ components, when calibration with 3µl at 100 cm<sup>2</sup>**  
**(3µl /18,88 mg/components at 50 cm<sup>2</sup>)**

Quality of solvents better : 99,9 % guaranteed  
Valid (Gültig) : 1 Year  
**Best before(haltbar bis)** : **XXXX**  
Producer: : QUMA Elektronik & Analytik GmbH

Controller : XXXX  
Wuppertal : XXXXX



**QUMA**  
Elektronik & Analytik GmbH  
Preussenstrasse 11-13  
42389 Wuppertal  
GERMANY

www.quma.com  
info@quma.com  
Fon: + 49 (0) 202 7479495 - 0  
Fax: + 49 (0) 202 7479495 - 40