

残留溶媒分析用標準液

医薬品中の残留溶媒分析用標準液として、クラス1よりクラス3までの各物質を取り揃えております。既存品として各種単物質、クラス毎の混合標準液のラインナップ以外に、特注でお客様の需要に合わせた混合標準液もご準備できます。



SPEXertificate® Certificate of Reference Material					
Catalog Number:	USP-RS-C1	Lot No.	TS150724063		
Description:	Stock VO	Matrix:	Dimethyl Sulfoxide	Ship Date:	12-22-2015
				Expiration Date:	12-21-2016
<small>This SPEX Organic Certified Reference Material, CRM, is intended primarily for use as a calibration standard or quality control standard for organic chromatography instrumentation such as GC, GC-MS, LC, and LC-MS. It can be employed in USEPA, ASTM and other methods relevant to the certified properties listed below.</small>					
Certified Compounds:					
Compound	CAS #	Labeled	Purity	Certified	Uncertainty
Benzene	71-43-2	10000 µg/mL	99.9%	10001 µg/mL	± 360 µg/mL
Carbon tetrachloride	56-23-5	20000 µg/mL	99.99%	20020 µg/mL	± 721 µg/mL
1,2-Dichloroethane	107-06-2	25000 µg/mL	99.8%	24955 µg/mL	± 459 µg/mL
1,1-Dichloroethane	75-35-4	40000 µg/mL	99%	40104 µg/mL	± 1444 µg/mL
1,1,1-Trichloroethane	71-55-6	50000 µg/mL	99.6%	49808 µg/mL	± 1799 µg/mL
Final Solution Verification: <small>Final solution integrity verified by Gas Chromatography/Mass Spectrometry. The mass spectrum of each compound was confirmed against the NIST mass spectral database.</small>					
<small>† Certified concentration based on gravimetric weights and corrected for the purity of the compound(s) used to prepare the standard. Analytical balance calibration is verified daily with C1 weight set #23-190005 which is registered with Atlantic Scale, and traceable to NIST and NJ Division of Weights and Measures.</small>					
<small>This CRM is guaranteed stable and accurate to within the uncertainty listed for the certified value. This includes uncertainty components due to preparation, homogeneity, short term and long term stability. During the stated period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution. For further information, contact the Sales Support Department at crmsales@spexcsp.com.</small>					
Date of Certification:	12-22-2015	Certifying Officer:	<i>Julian Buxton</i>		
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標準液はISO17025並びにISO Guide34を取得したSPEX社製で、A2LAの認定を受けておりIlac-MRAにてJCSSとも互換性があります。

標準液に付属する保証書には濃度や純度以外に、トレーサビリティや不確かさ等についても記載があり、製品が認証標準物質であることを保証しております。

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既存標準液ラインナップ

型番	物質名	濃度(μg/ml)
USP-S1380-DMSO	Cyclohexane	19400
USP-S1380-DMSO	1,2-Dichloroethane	25000
USP-S1390-DMSO	1,1-Dichloroethene	40000
USP-S1394-DMSO	cis-1,2-Dichloroethene	4670
USP-S1400-DMSO	trans-1,2-Dichloroethene	4670
USP-S145-DMSO	Acetonitrile	2050
USP-S1572-DMSO	1,2-Dimethoxyethane	500
USP-S1597-DMSO	N,N-Dimethylacetamide	5450
USP-S1715-DMSO	1,4-Dioxane	1900
USP-S1910-DMSO	2-Ethoxyethanol	800
USP-S1940-DMSO	Ethylbenzene	1840
USP-S1952-DMSO	Ethylene Glycol	3100
USP-S2062-DMSO	Formamide	1100
USP-S2480-DMSO	Methylene Chloride	3000
USP-S2590-DMSO	1-Methyl-2-pyrrolidinone	2650
USP-S2722-DMSO	Nitromethane	250
USP-S3240-DMSO	Pyridine	1000
USP-S3460-DMSO	Tetrahydrofuran	3600
USP-S3464-DMSO	1,2,3,4-Tetrahydronaphthalene	500
USP-S3505-DMSO	Toluene	4450
USP-S3605-DMSO	1,1,1-Trichloroethane	50000
USP-S3615-DMSO	Trichloroethene	400
USP-S3830-DMSO	m-Xylene	6510
USP-S3835-DMSO	o-Xylene	970
USP-S3840-DMSO	p-Xylene	1520
USP-S405-DMSO	Benzene	10000
USP-S750-DMSO	Carbon Tetrachloride	20000
USP-S810-DMSO	Chlorobenzene	1800
USP-S865-DMSO	Chloroform	300
USP-RS- C1 ~ C3B	クラス1~3Bまでのクラス別専用混合標準液	