

Specification – Certified Reference Material

Certipur® ICP Multi element standard solution XVI

Accreditation:



Deutsche
Akkreditierungsstelle
D-RM-15185-01-00

Merck KGaA, Darmstadt, Germany is accredited by the German accreditation authority as registered reference material producer (D-RM-15185-01-00) in accordance with **ISO 17034**.

Producer: Merck KGaA, Frankfurter Str. 250, 64293 Darmstadt, Germany
Description of CRM: ICP Multi element standard solution XVI
Ord. No.: 1.04453.0100
Expiry date: 3 years
Storage: +15°C to +25°C tightly closed in the original container
Matrix: HNO₃ 6%

Element	Specification	Associated uncertainty, $U=k \cdot u$ ($k=2$) as mass concentration	Traceable to NIST SRM®
As	90 - 110 mg/l	±3 mg/l	SRM 3103a
Be	90 - 110 mg/l	±3 mg/l	SRM 3105a
Ca	90 - 110 mg/l	±3 mg/l	SRM 3109a
Cd	90 - 110 mg/l	±3 mg/l	SRM 3108
Cr	90 - 110 mg/l	±3 mg/l	SRM 3112a
Co	90 - 110 mg/l	±3 mg/l	SRM 3113
Cu	90 - 110 mg/l	±3 mg/l	SRM 3114
Fe	90 - 110 mg/l	±3 mg/l	SRM 3126a
Li	90 - 110 mg/l	±3 mg/l	SRM 3129a
Mg	90 - 110 mg/l	±3 mg/l	SRM 3131a
Mn	90 - 110 mg/l	±3 mg/l	SRM 3132
Mo	90 - 110 mg/l	±3 mg/l	SRM 3134
Ni	90 - 110 mg/l	±3 mg/l	SRM 3136
Pb	90 - 110 mg/l	±3 mg/l	SRM 3128
Sb	90 - 110 mg/l	±3 mg/l	SRM 3102a
Se	90 - 110 mg/l	±3 mg/l	SRM 3149
Sr	90 - 110 mg/l	±3 mg/l	SRM 3153a
Ti	90 - 110 mg/l	±3 mg/l	SRM 3162a
Tl	90 - 110 mg/l	±3 mg/l	SRM 3158
V	90 - 110 mg/l	±3 mg/l	SRM 3165
Zn	90 - 110 mg/l	±3 mg/l	SRM 3168a

