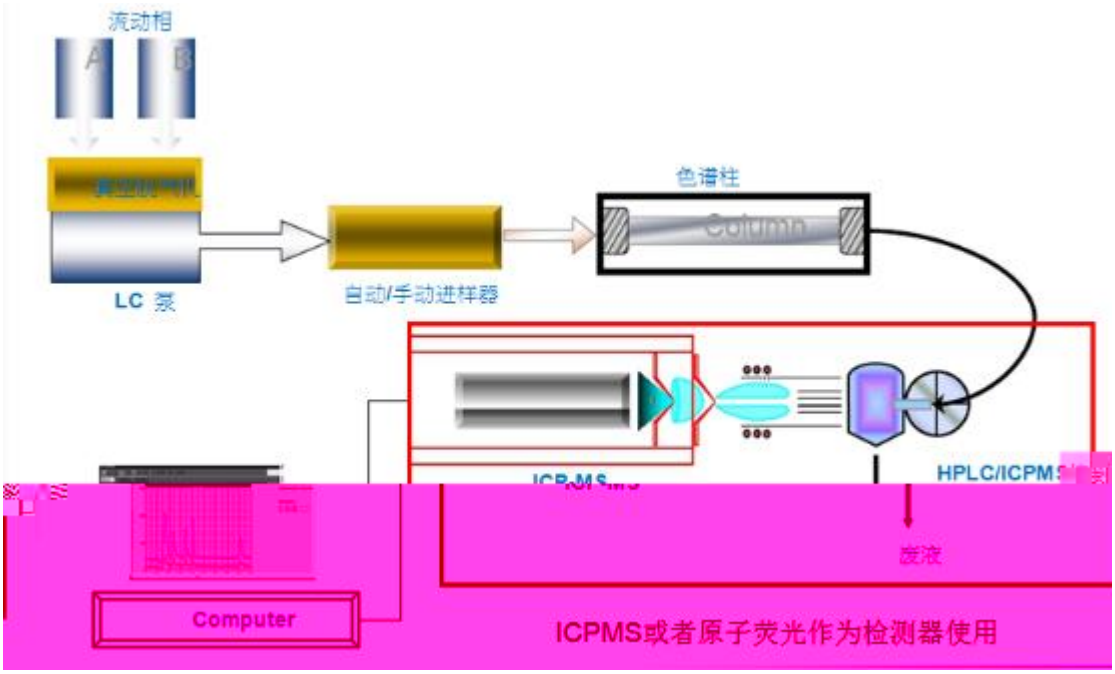
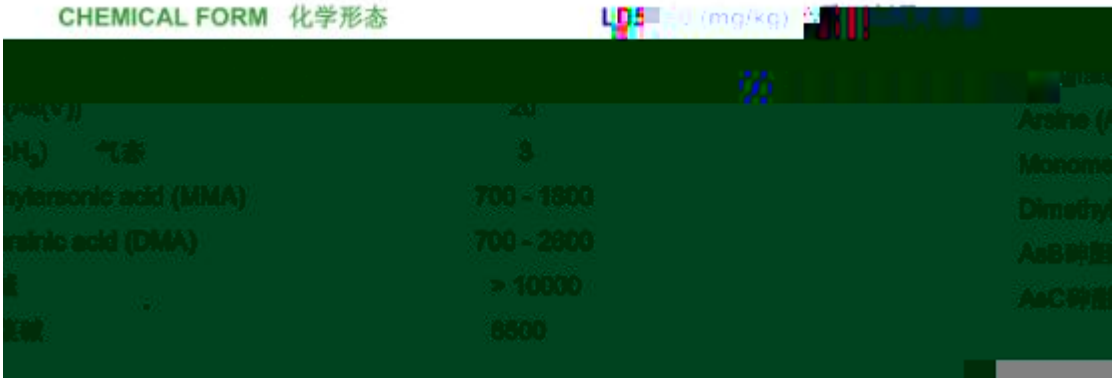
Prin-Cen

(GB5009.11 LC-ICPMS



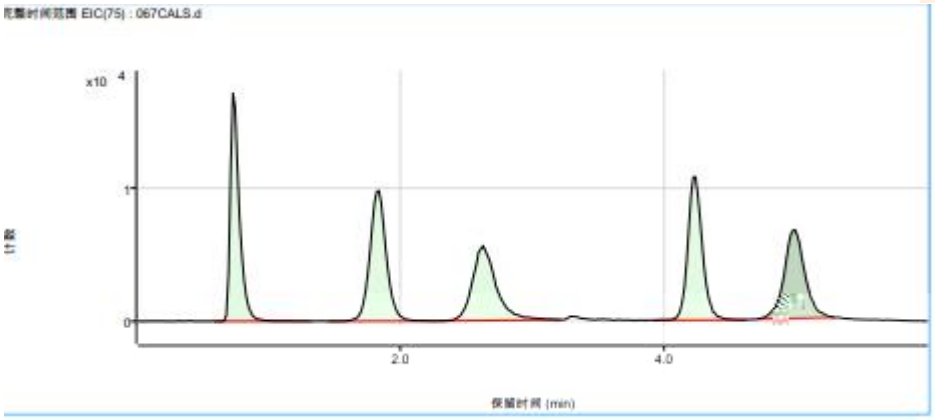

CHEMICAL FORM 化学形态
LD5
(mg/kg)
Arsine (
Monome
Dimethy
AsB
AsC
H_3) 气态
3
ylarsonic acid (MMA)
700 - 1800
inic acid (DMA)
700 - 2600
> 10000
6500

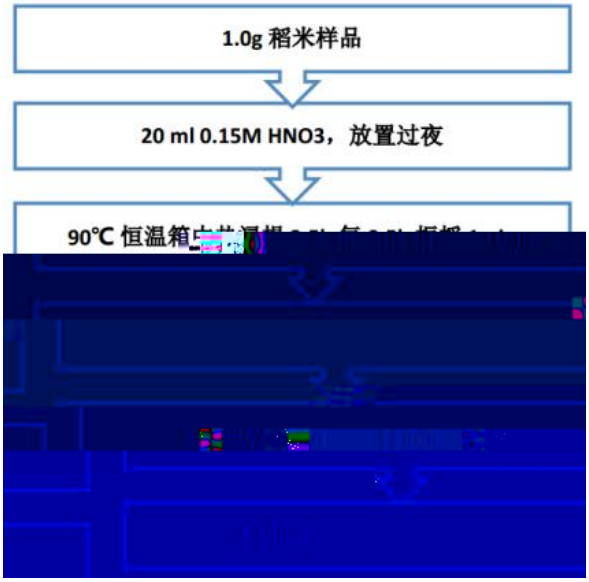
一、 试剂准备

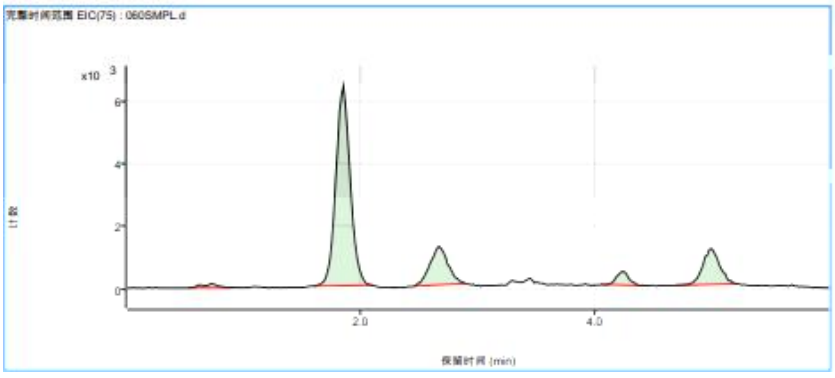
1. 标准溶液

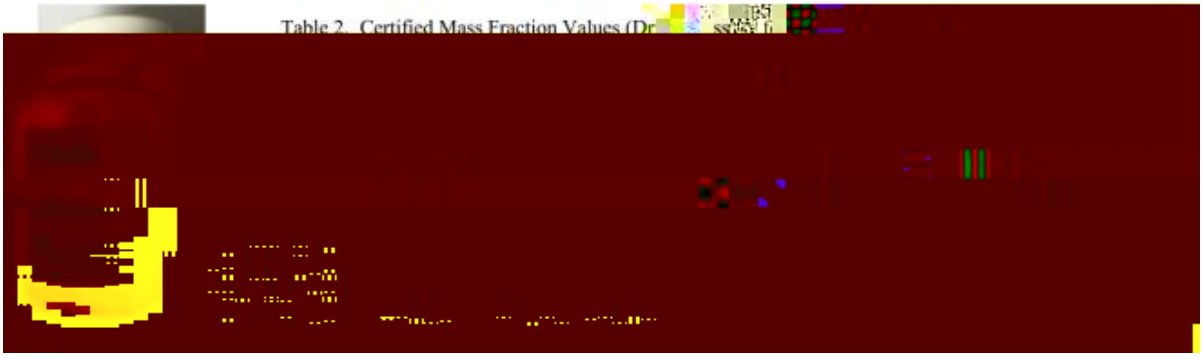


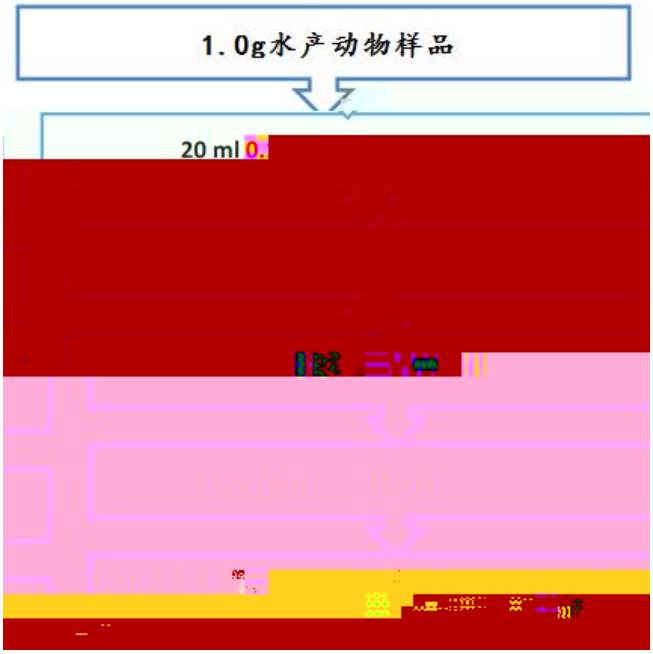


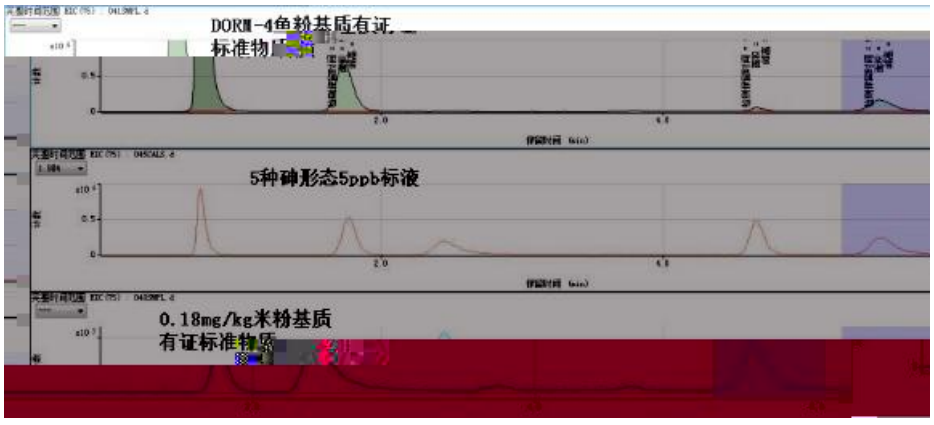

完整时间范围 EIC(75) : 067CALS.d
x10 4
1
0
2.0
4.0
保留时间 (min)


1.0g 稻米样品
20 ml 0.15M HNO3，放置过夜
90℃ 恒温箱


完整时间范围 EIC(75) : 060SMPL.d
x10 3
6
4
2
0
2.0
4.0
保留时间 (min)




1.0g水产动物样品
20 ml 0.

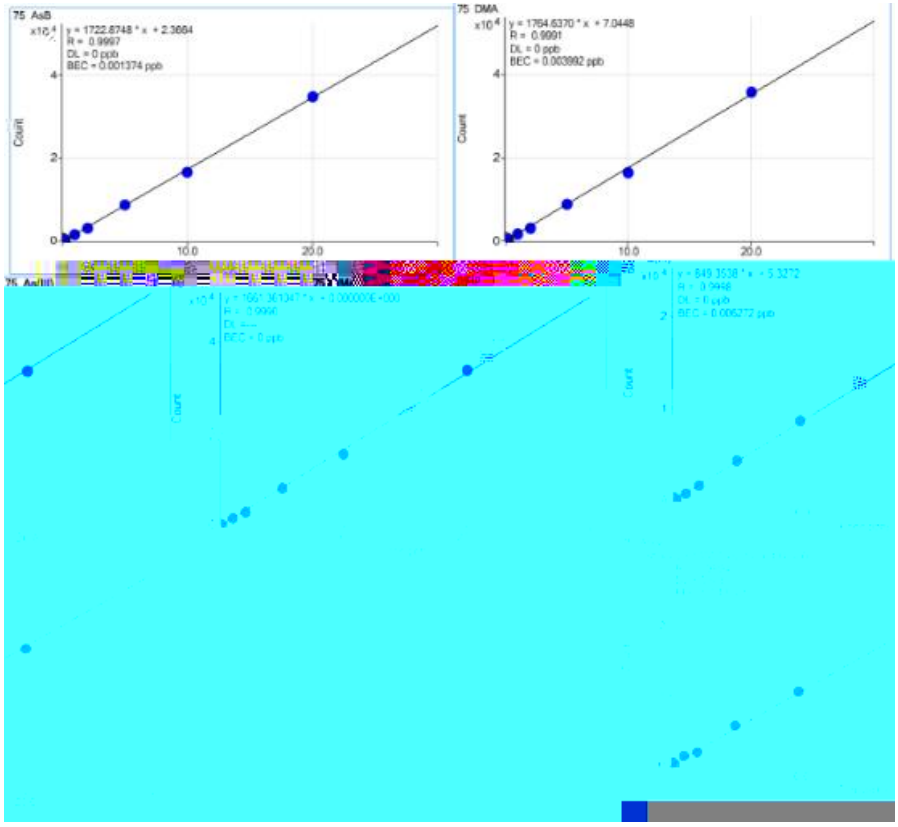

DORM-4鱼粉基质有证
标准物质
5种砷形态5ppb标液
0.18mg/kg米粉基质
有证标准物质

DORM-4: Fish protein certified reference material for trace me

established for this reference material. Certified



Substance	Mass fraction, (mg/kg)
Arsenobetaine (as As) (h,i)	3.95 ± 0.36
Methylmercury (as Hg) (j,k)	0.355 ± 0.028



	5ppb-3	0.73	1.77	2.49	4.64	4.6
	平均值	0.73	1.76	2.50	4.63	4.6
	SD	0	0.00897	0.028741	0.006272	0.006
					0.135506	

浓度	AsB	DMA	As(III)	MMA
5ppb-1				
5ppb-2		4.85		4.83
5ppb-3		4.87		4.81
5ppb-4		4.77		4.79
5ppb-5		4.8		4.83
5ppb-6		4.8		4.74



ELSpe-2元素形态分析仪，可以和任何品牌任何型号ICP-MS联用组成一套强大的As、Hg、Se、Cr、Sb、Sn等元素形态分析



专为无机砷分析设计的色谱柱和试剂盒，提高分析效率和消除基体干扰。



软件可兼容更品牌的AFS和ICPMS，并且带有完善的分析方法，以及SOP等培训内容光盘。

