



# ERNDIMQA - ANNUAL REPORT

## Amino acids 2010

ERN368 - Sykam GmbH -

Methodset : Petzel

Analyte	Accuracy (mean)		Precision (CV% duplicates)		Linearity (r)		Recovery (%added analyte)		Data All Labs	
	Your Lab	All Labs	Your Lab	All Labs	Your Lab	All Labs	Your Lab	All Labs	n	Interlab CV
2-Aminobutyric acid	37.9	36.0	4.7%	6.9%	0.997	0.996	109%	103%	199	11.7%
Alanine	686	658	2.1%	4.7%	1.000	0.998	98%	94%	234	9.11%
Alloisoleucine	125	124	1.6%	4.9%	1.000	0.998	92%	91%	173	10.1%
Arginine	295	272	0.8%	5.3%	1.000	0.999	103%	94%	229	10.4%
Argininosuccinic acid	251	263	1.4%	11.4%	1.000	0.986	81%	89%	142	26.9%
Asparagine	108	112	3.4%	6.3%	0.998	0.995	98%	103%	217	22.9%
Aspartic Acid	41.2	36.6	0.5%	6.8%	0.997	0.993	111%	97%	225	20.2%
Citrulline	339	326	2.1%	5.3%	1.000	0.999	98%	94%	227	12.4%
Cystine	41.8	39.4	1.5%	9.1%	0.997	0.987	59%	56%	202	14.9%
Glutamic acid	107	108	3.2%	6.6%	0.998	0.996	95%	96%	228	11.4%
Glutamine	817	783	2.6%	5.3%	0.999	0.993	97%	92%	226	10.8%
Glycine	772	744	0.4%	4.9%	1.000	0.997	97%	94%	232	9.51%
Histidine	344	335	1.2%	7.0%	1.000	0.999	95%	91%	229	13.4%
Hydroxyproline	101	97.8	5.6%	8.6%	0.998	0.994	98%	97%	200	13.5%
Isoleucine	178	170	0.5%	5.4%	0.999	0.999	96%	92%	231	10.1%
Leucine	466	442	1.4%	4.9%	1.000	0.999	97%	92%	231	12.2%
Lysine	357	361	1.4%	4.5%	0.997	0.999	83%	88%	232	10.6%
Methionine	251	232	1.2%	5.0%	1.000	0.999	98%	91%	230	10.6%
Ornithine	273	277	2.0%	4.4%	0.997	0.999	89%	95%	232	10.2%
Phenylalanine	524	523	1.2%	4.3%	1.000	0.999	91%	90%	234	11.5%
Phospho ethanolamine	57.0	51.8	2.9%	9.4%	0.981	0.978	80%	73%	167	24.4%
Proline	377	364	1.1%	6.6%	1.000	0.998	89%	86%	211	10.6%
Saccharopine	91.7	100	1.6%	5.4%	0.999	0.992	90%	97%	113	13.5%
Serine	156	148	1.9%	4.8%	0.997	0.996	86%	81%	232	8.79%
Taurine	178	169	0.9%	5.1%	1.000	0.998	99%	94%	217	10.1%
Threonine	155	147	1.5%	4.7%	0.994	0.992	94%	90%	230	8.66%
Tryptophan	119	123	3.6%	8.8%	0.997	0.986	75%	79%	177	15.3%
Tyrosine	282	269	3.0%	5.0%	1.000	0.999	93%	90%	234	10.9%
Valine	474	448	0.7%	5.1%	1.000	0.999	99%	93%	233	10.5%
Overall	276	268	1.9%	6.1%	0.998	0.995	93%	90%	213	12.9%