



# ERNDIMQA - ANNUAL REPORT

## Amino acids 2010

ERN392 - Tanyalcin Medical Laboratory - Selective Screening and Metabolism Unit

Methodset : Biochrom 30 AAA

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	31.1	36.0	8.2%	6.9%	0.993	0.996	82%	103%	199	11.7%
Alanine	639	658	17.3%	4.7%	0.983	0.998	88%	94%	234	9.11%
Alloisoleucine	121	124	5.1%	4.9%	0.995	0.998	84%	91%	173	10.1%
Arginine	255	272	20.9%	5.3%	0.991	0.999	86%	94%	229	10.4%
Argininosuccinic acid	324	263	21.8%	11.4%	0.946	0.986	99%	89%	142	26.9%
Asparagine	113	112	34.0%	6.3%	0.941	0.995	111%	103%	217	22.9%
Aspartic Acid	33.1	36.6	28.3%	6.8%	0.959	0.993	88%	97%	225	20.2%
Citrulline	307	326	18.7%	5.3%	0.994	0.999	86%	94%	227	12.4%
Cystine	35.1	39.4	16.3%	9.1%	0.957	0.987	45%	56%	202	14.9%
Glutamic acid	112	108	10.3%	6.6%	0.992	0.996	95%	96%	228	11.4%
Glutamine	742	783	35.2%	5.3%	0.878	0.993	84%	92%	226	10.8%
Glycine	739	744	15.9%	4.9%	0.980	0.997	98%	94%	232	9.51%
Histidine	342	335	20.6%	7.0%	0.989	0.999	95%	91%	229	13.4%
Hydroxyproline	97.7	97.8	22.1%	8.6%	0.968	0.994	98%	97%	200	13.5%
Isoleucine	176	170	19.9%	5.4%	0.989	0.999	100%	92%	231	10.1%
Leucine	443	442	29.3%	4.9%	0.980	0.999	92%	92%	231	12.2%
Lysine	357	361	23.1%	4.5%	0.983	0.999	88%	88%	232	10.6%
Methionine	231	232	26.6%	5.0%	0.988	0.999	90%	91%	230	10.6%
Ornithine	274	277	20.0%	4.4%	0.986	0.999	94%	95%	232	10.2%
Phenylalanine	511	523	28.9%	4.3%	0.981	0.999	87%	90%	234	11.5%
Phospho ethanolamine	48.8	51.8	19.6%	9.4%	0.978	0.978	68%	73%	167	24.4%
Proline	369	364	15.9%	6.6%	0.988	0.998	85%	86%	211	10.6%
Saccharopine	76.9	100	17.1%	5.4%	0.975	0.992	75%	97%	113	13.5%
Serine	144	148	22.7%	4.8%	0.980	0.996	80%	81%	232	8.79%
Taurine	166	169	19.9%	5.1%	0.984	0.998	93%	94%	217	10.1%
Threonine	146	147	13.9%	4.7%	0.980	0.992	93%	90%	230	8.66%
Tryptophan	121	123	7.2%	8.8%	0.991	0.986	84%	79%	177	15.3%
Tyrosine	275	269	23.8%	5.0%	0.989	0.999	93%	90%	234	10.9%
Valine	455	448	12.9%	5.1%	0.995	0.999	97%	93%	233	10.5%
Overall	265	268	19.8%	6.1%	0.977	0.995	88%	90%	213	12.9%