ERNDIMQA - ANNUAL REPORT

Amino acids 2014

ERN0392 - Tanyalcin Medical Laboratory - Selective Screening and Metabolism Unit

Methodset :   Biochrom AAA / IEC

Analyte	Accuracy (mean) Your Lab	Accuracy (mean) All Labs	Precision (CV% duplicates) Your Lab	Precision (CV% duplicates) All Labs	Linearity (r) Your Lab	Linearity (r) All Labs	Recovery (%added analyte) Your Lab	Recovery (%added analyte) All Labs	Data All Labs n	Data All Labs Interlab CV
2-Aminobutyric acid	27.9	29.6	27.7%	6.5%	0.975	0.996	83%	90%	214	13.3%
Alanine	392	414	18.6%	4.3%	0.984	0.999	83%	91%	265	8.16%
Alloisoleucine	63.8	72.3	14.2%	5.4%	0.991	0.998	88%	97%	181	12.0%
Arginine	296	307	17.2%	4.8%	0.994	1.000	90%	93%	262	11.6%
Asparagine	120	108	14.0%	7.1%	0.940	0.989	112%	115%	246	21.3%
Aspartic Acid	38.4	36.5	12.9%	9.1%	0.962	0.965	92%	92%	254	18.8%
Citrulline	294	298	20.4%	5.0%	0.994	1.000	94%	96%	259	11.6%
Cystine	39.1	36.4	11.1%	9.7%	0.991	0.991	68%	66%	242	16.6%
Glutamic acid	102	96.8	18.4%	8.7%	0.964	0.986	96%	102%	263	13.7%
Glutamine	642	753	4.9%	5.4%	0.992	0.995	81%	98%	253	10.0%
Glycine	327	345	8.5%	4.6%	0.998	0.999	90%	96%	265	9.18%
Histidine	156	156	12.9%	4.9%	0.981	0.996	91%	93%	263	10.5%
Hydroxyproline	60.0	60.6	9.3%	8.8%	0.976	0.984	96%	99%	225	12.2%
Isoleucine	243	251	5.7%	4.3%	0.999	0.999	92%	95%	264	9.17%
Leucine	302	315	13.0%	4.7%	0.993	0.999	88%	95%	265	9.01%
Lysine	165	167	7.8%	4.1%	0.995	0.999	81%	87%	263	8.24%
Methionine	259	271	10.7%	5.0%	0.997	0.999	85%	92%	267	11.3%
Ornithine	355	379	15.9%	5.5%	0.992	0.999	84%	96%	265	12.2%
Phenylalanine	296	301	11.1%	4.4%	0.997	0.999	91%	93%	269	8.80%
Phospho ethanolamine	19.9	19.8	15.4%	11.2%	0.940	0.942	53%	51%	167	25.2%
Proline	228	262	5.7%	5.5%	0.994	0.998	89%	99%	250	9.18%
Saccharopine	119	147	7.8%	5.2%	0.993	0.996	73%	96%	96	14.2%
Sarcosine	74.6	78.0	29.9%	9.6%	0.969	0.987	96%	94%	181	16.6%
Serine	130	132	10.6%	5.2%	0.994	0.997	76%	76%	264	8.95%
Taurine	144	141	16.1%	4.8%	0.992	0.999	101%	98%	247	8.76%
Threonine	154	158	6.1%	4.2%	0.994	0.998	97%	98%	262	7.18%
Tyrosine	280	297	8.7%	4.8%	0.999	0.999	85%	92%	269	10.6%
Valine	365	389	9.3%	4.3%	0.995	0.999	92%	97%	267	7.98%
Overall	203	215	13.0%	6.0%	0.985	0.993	87%	92%	242	12.0%