ERNDIMQA - ANNUAL REPORT

Amino acids 2013

ERN392 - Tanyalcin Medical Laboratory - Selective Screening and Metabolism Unit

Methodset :   **Tijen Tanyalcin**

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	35.1	33.4	15.0%	6.5%	0.981	0.994	113%	104%	213	9.94%
Alanine	368	371	3.2%	4.2%	0.999	0.999	94%	96%	259	8.59%
Arginine	318	316	3.0%	5.1%	1.000	0.999	97%	94%	257	11.3%
Asparagine	133	116	10.5%	6.3%	0.983	0.991	112%	108%	239	21.4%
Aspartic Acid	54.2	47.9	8.3%	5.6%	0.970	0.967	86%	86%	252	18.0%
Aspartyl glucosamine		7.36		19.7%		0.944		73%	47	34.7%
Citrulline	126	120	4.4%	5.4%	0.999	0.999	98%	95%	253	10.3%
Cystathionine	35.7	32.9	6.9%	7.8%	0.996	0.996	99%	99%	186	18.0%
Cystine	43.9	41.4	7.3%	9.0%	0.996	0.992	80%	74%	232	13.9%
Glutamic acid	87.2	93.5	12.0%	6.5%	0.982	0.993	88%	99%	259	10.9%
Glutamine	711	785	2.5%	5.6%	0.995	0.996	74%	95%	246	10.2%
Glycine	477	511	5.8%	4.3%	0.995	0.999	79%	94%	259	10.1%
Histidine	158	154	5.3%	6.1%	0.997	0.996	93%	91%	255	9.85%
Histidine 1-Methyl	27.6	28.1	10.2%	6.1%	0.991	0.995	86%	86%	193	12.9%
Histidine 3-Methyl	33.6	32.4	11.1%	7.3%	0.990	0.994	87%	79%	193	14.6%
Hydroxyproline	57.2	60.6	11.9%	8.8%	0.970	0.985	78%	93%	218	13.3%
Isoleucine	258	255	5.3%	4.6%	0.999	0.999	91%	93%	262	10.5%
Leucine	361	396	2.6%	4.8%	0.999	0.999	78%	92%	262	10.3%
Lysine	171	171	5.8%	4.3%	0.997	0.998	79%	85%	257	7.48%
Methionine	252	273	6.7%	4.5%	0.998	1.000	80%	91%	262	10.3%
Ornithine	314	327	8.3%	4.3%	0.994	0.999	84%	95%	260	9.28%
Phenylalanine	325	350	8.0%	4.2%	0.997	0.999	79%	91%	264	9.79%
Pipecolic acid	45.7	69.4	41.8%	10.8%	0.712	0.974	66%	99%	56	27.0%
Proline	219	243	10.9%	5.1%	0.990	0.998	73%	85%	240	9.58%
Sarcosine	78.6	79.2	19.3%	10.9%	0.959	0.988	88%	98%	171	17.5%
Serine	155	150	5.6%	4.9%	0.999	0.999	102%	96%	258	9.29%
Taurine	150	140	4.9%	4.8%	0.999	0.999	105%	96%	238	8.90%
Threonine	169	160	4.7%	3.9%	0.998	0.998	105%	96%	258	7.03%
Tyrosine	88.5	82.6	4.4%	4.8%	0.995	0.997	100%	97%	265	8.86%
Valine	378	389	2.8%	4.0%	0.997	0.998	83%	95%	264	7.29%
Overall	194	195	8.6%	6.3%	0.982	0.993	89%	93%	229	12.7%