

# *Determination of the 24-Hour Cutaneous Hydration Potential of Three Skin Care Products*

## *Comparisons Study N° 17BI-0918*

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*This report was prepared by a clinical testing laboratory with a quality management system  
registered to ISO 9001.*

*This report is composed of 3 pages*

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**Table I – Summary and Statistical Analysis of the Results Obtained for 24-Hour Hydration of Consonant HydrExtreme® in Comparison to Viva Organics Pure Hyaluronic Acid Serum.**

SUMMARY				
Average Measurements	T = 0	T= 30 min	T= 1 hr	T= 24 hrs
Consonant HydrExtreme®	31.2	57.2	58.5	43.7
Viva Organics Pure Hyaluronic Acid Serum	30.0	52.2	51.4	39.6
Consonant HydrExtreme® vs. Viva Organics Pure Hyaluronic Acid Serum				
% Difference	4%	10%	14%	10%
Student's t-Test (Consonant HydrExtreme® vs. Viva Organics Pure Hyaluronic Acid Serum)	0.436	0.229	0.032	0.08
Stat. Significance	NS	NS	<b>S</b>	NS

(Statistical Significance - **S: p<0.05**;) )

*N.B. All t-Test results are expressed in p-values.*

**Table II – Summary and Statistical Analysis of the Results Obtained for 24-Hour Hydration of Consonant HydrExtreme® in Comparison to SkinCeuticals Hydrating B5 Gel.**

SUMMARY				
Average Measurements	T = 0	T= 30 min	T= 1 hr	T= 24 hrs
Consonant HydrExtreme®	31.2	57.2	58.5	43.7
SkinCeuticals Hydrating B5 Gel	30.9	34.1	34.0	33.1
Consonant HydrExtreme® vs. SkinCeuticals Hydrating B5 Gel				
% Difference	1%	68%	72%	32%
Student's t-Test (Consonant HydrExtreme® vs. SkinCeuticals Hydrating B5 Gel)	0.85	1.10E-06	1.32E-08	1.86E-05
Stat. Significance	NS	<b>S</b>	<b>S</b>	<b>S</b>

(Statistical Significance - **S: p<0.05**;) )

*N.B. All t-Test results are expressed in p-values.*

**Table III – Summary and Statistical Analysis of the Results Obtained for 24-Hour Viva Organics Pure Hyaluronic Acid Serum in Comparison to SkinCeuticals Hydrating B5 Gel.**

<b>SUMMARY</b>				
<b>Average Measurements</b>	<b>T = 0</b>	<b>T= 30 min</b>	<b>T= 1 hr</b>	<b>T= 24 hrs</b>
<b>Viva Organics Pure Hyaluronic Acid Serum</b>	30.0	52.2	51.4	39.6
<b>SkinCeuticals Hydrating B5 Gel</b>	30.9	34.1	34.0	33.1
<b>Viva Organics Pure Hyaluronic Acid Serum vs. SkinCeuticals Hydrating B5 Gel</b>				
<b>% Difference</b>	-3%	53%	51%	20%
<b>Student's t-Test</b> (Viva Organics Pure Hyaluronic Acid Serum vs. SkinCeuticals Hydrating B5 Gel)	0.589	1.30E-06	7.08E-08	1.33E-03
<b>Stat. Significance</b>	NS	<b>S</b>	<b>S</b>	<b>S</b>

(Statistical Significance - **S**:  $p < 0.05$ ;) )

*N.B. All t-Test results are expressed in p-values.*