



創新頭髮護理

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Active Concepts本身建立在三大核心上：創新技術平台、領先市場的消費者支持以及目的性產品，在近二十年裡，**Active Concepts**用心地從事努力發展可提供配方獨一無二的複合活性成份，為了滿足和超越消費者追求更有效的化妝品技術而急速增加的需求。

Active Concepts 其引以自豪的鑑別市場商機能力，近年來，頭髮護理產業慢慢地演變且現以個人護理產品為焦點，致力給予正發展中的頭髮護理產業，為了進行更廣泛的測試來生產更多功能、下世代護髮活性成份，**Active Concepts** 已創立了**Active Concepts Hair Research Institute**(**Active Concepts**護髮研究院)。

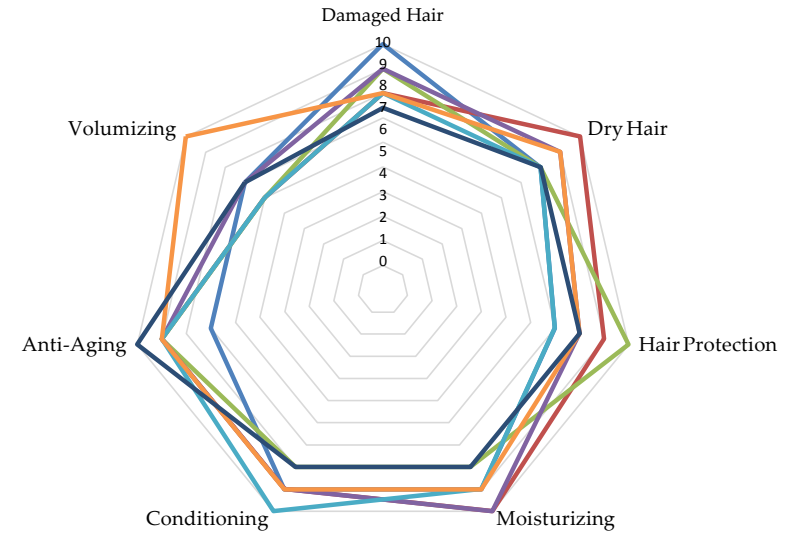
每個沙龍測試有效活性成份會被分配到一個分類以便於瀏覽，分類的選擇是以市場需求與需要為基礎，修護受損、乾燥與調理頭髮、改善保濕性與豐盈，加上評估創新的宣稱，包含在多重外界壓力中保護頭髮和抗老化頭髮護理已明顯成為備受關注的議題。



Half Head Treated with Control Shampoo and Conditioner

Half-Head Treated with 2.0% ACB Modified Pumpkin Enzyme PF in a Base Shampoo & Conditioner

Category Front-Runners



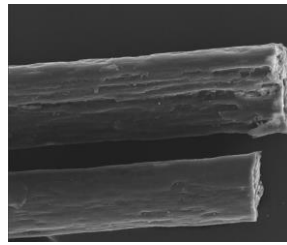
ABS **Apple** **AHA's** **AcquaSeal®** **Coconut** **AC Royal Jelly Extract** **AC Hyalurosome** **AC Keratin Hydrolysate** **SILOX** **ACB Bio-Chelate 5 PF** **ACB Pisum Sativum Peptide**

每個產品以各種標準為基礎被分配到多功能分類，由培訓的專業人員進行沙龍半頭研究，讓參與者自我評價為一種標準選擇方式，所有產品皆在**Active Concepts Hair Research Institute**護髮研究院中評估，雖然為半定量試驗，這些試驗的目的為評估專業美容師與消費者在護髮理活性成分如何表現的觀點，在半頭研究中屬性歸類有：撫平、保濕、濕梳性、乾梳性、光澤、整體感、在前後處理皆有抗毛躁能力。

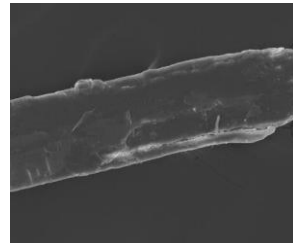
除了每個原料進行主觀式沙龍試驗之外，**Active Concepts** has 投入巨資來以儀器定量進行評估，不僅限於掃描電子顯微鏡成像，分類選擇的其他標準包括，與北卡羅來納州的加斯頓學院紡織科技中心合作，以X射線的能量分散型分析、HIROX成像來評估拉伸強度，透過直方圖量化來評估頭髮直徑與染髮後外部影響。

技術驅使可證實結果

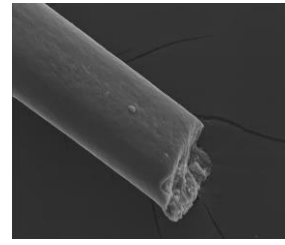
角質層是由排列緊密的鱗狀形成最外層的頭髮，角質層可最大限度的保護與保濕的最佳狀態為排列平整且密封，當角質層因熱、機械性、化學性或環境壓力而開始掀起，會變得易於有額外損傷、缺乏水分以及需要額外的保護。



Untreated Hair Fiber



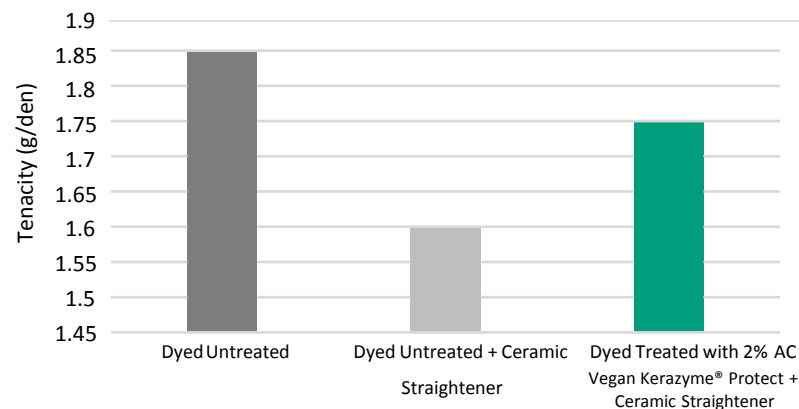
Bleached Hair 40v



Active.Lite® Hair

20.0千伏特掃描電子顯微鏡圖像顯示22045 Active.lite®Hair頭髮漂白護髮因子透過離子鍵來保護以及捍衛經歷嚴苛化學性處理頭髮的能力，Active.lite®Hair頭髮漂白護髮因子穿透在角質層掀起的鱗片間密封且關閉角質層，同時允許化學處理滲透並傳遞預想的結果。

Thermal Damage
AC Vegan Kerazyme® Protect



在染色後的人類髮絲進行體外研究來評估AC Vegan Kerazyme® Protect 靈芝護色抗熱植物調理劑提供頭髮有感益處的能力，基礎洗髮精和調理劑裡添加2.0%的AC Vegan Kerazyme® Protect 靈芝護色抗熱植物調理劑針對無添加活性的基礎洗髮精與調理劑對照組進行測試，染色後髮絲使用測試與對照產品清洗與風乾過程14次。



髮絲在進行韌度和彈性係數評估前，使用陶瓷直髮器熱進行造型，測量韌度結果是為了顯示AC Vegan Kerazyme® Protect 靈芝護色抗熱植物調理劑具有改善頭髮強度的能力，因而限制了熱造型所導致的損傷。



最近Active Concepts實行創新的方法生產出在市場上最新穎、生物利用度最佳的植物性蛋白質 – Pisum Sativum Peptide 豌豆胜肽！透過微生物促使水解，其副產物為乳酸，因此提供了可測量豐盈與抗老化護髮的效益，立即結果顯示頭髮直徑平均增加14.08%以及在最初應用四小時後頭髮直徑平均增加了13.65%。

ACB Pisum Sativum Peptide 豌豆胜肽能夠有效地、均勻豐盈頭髮而達到增厚且較年輕頭髮外觀，是頭髮抗老化護理產品的革命性步驟。

上面照片：個別髮絲以Wheat Hydrolysate水解小麥蛋白立即處理。(注意似珠串形狀)

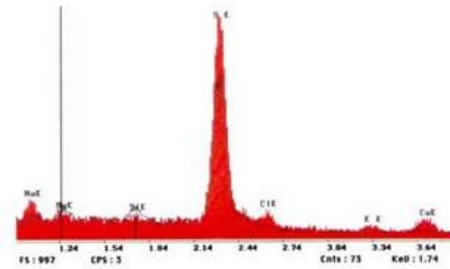
下面照片：個別髮絲以ACB Pisum Sativum Peptide豌豆胜肽立即處理。



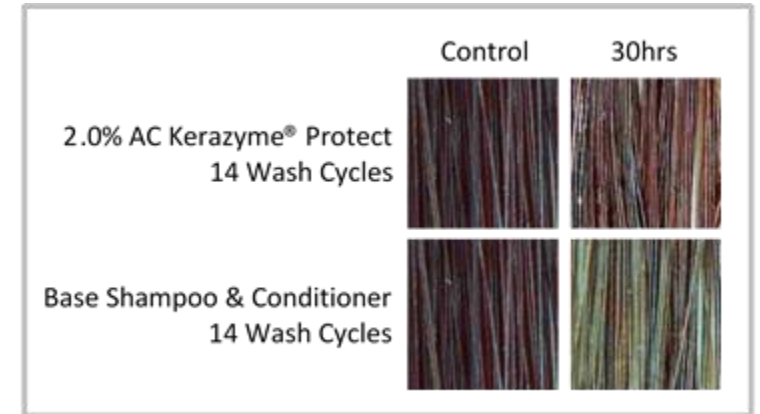
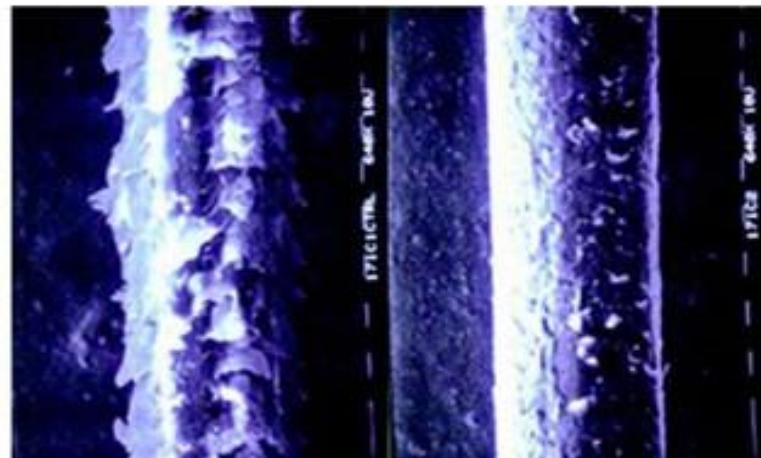
技術驅使可證實結果

採用ACB Bio-Chelate 5 PF微量5元素PF所展現的頭髮功效，礦物醣肽富複合物含有鎂、鐵、鋅、銅及矽，利用掃描式電子顯微鏡觀(SEM)察髮絲表面結構，X射線的能量色散分析(EDAX)用於確認頭髮表面下的元素組成，EDAX研究證實了鎂和矽的滲透，EDAX掃描顯示未處理對照組為紅色，ACB Bio-Chelate 5 微量5元素PF處理樣品為黑色重疊線條，透過SEM分析處理後纖維顯示平滑、表面無產品的積累的頭髮角質層。

下圖：
EDAX 頭髮礦物元素組成分析



下圖：
毛桿在ACB Bio-Chelate 5 PF
微量5元素應用後的SEM圖



如上所示，AC Kerazyme® Protect 靈芝護色抗熱調理劑與對照組洗髮精和調理劑像比能夠減少頭髮褪色，觀察髮絲對照，很明顯地清洗與暴露在UV光下兩者皆會加劇褪色過程，然而，使用2.0%的AC Kerazyme® Protect 靈芝護色抗熱調理劑應用可大幅降低髮色褪色情況，在已暴露30小時AFU與14次基礎洗髮精和調理劑清洗的頭髮色牢度非常低，容易被察覺最初的金黃色色度，相反地，以2.0% AC Kerazyme® Protect 靈芝護色抗熱調理劑處理過的暴露頭髮維持紅色調，且表現出相似於原始染髮的顏色。

很顯然的Active Concepts透過證實結果資料的支持正推動創新、提供有效活性成份，瀏覽特定分類搜尋理想多功能活性成份來搭配任何傳遞卓越消費者取向頭髮護理系列產品。



受損頭髮

頭髮持續性的暴露在環境、化學與機械應力下，這些會導致頭髮變得多孔、乾燥、脆弱，若沒適當護理會更容易斷裂，下列產品展現不同的策略與技術治療與修正受損頭髮

產品編號&名稱	INCI Name	機制	多功能功效
20339PF ACB Bio-Chelate 5 PF 微量五元素-PF	Water&Saccharomyces/ZincFerment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	奇蹟般地撫平因物理性&化學性受損頭髮，並無多餘的積累	<ul style="list-style-type: none">• 滲入毛桿有效傳遞益處• 調理頭髮纖維• 降低頭髮乾燥• 加強頭皮健康
20375 AC Split End Complex 髮尖分叉修護複合物	Hydroxypropyltrimonium Hydrolyzed Rice Protein/ Siloxysilicate & Oryza Sativa (Rice)Extract	恢復髮尾分叉回到健康狀態，同時修復受損角質層	<ul style="list-style-type: none">• 防止頭髮捲曲• 強化頭髮• 增加光澤• 增強平滑感• 提高整體感覺
20200 ACB Willow Bark Extract 20% 柳樹皮萃取20%	Water & Salix Nigra (Willow) Bark Extract	轉換乾燥脆弱髮質，鎖住水份	<ul style="list-style-type: none">• 平滑造型• 光澤治療• 滋養捲髮• 不理想的細髮質
22045 Active.Lite® Hair for Bleaching 頭髮漂白護髮因子	Polyquarternium-80 & Water & Pisum Sativum (Pea) Peptide & Selaginella Lepidophylla Extract	以離子結合頭髮角質層，在嚴峻的漂白劑下提供頭髮長效保護	<ul style="list-style-type: none">• 化學性的彈性材料• 使用矩陣式的支架• 強化頭髮• 保濕
22046 Active.Lite® Relaxer 頭髮舒緩護髮因子	Polyquaternium-80 & Water & Pisum Sativum (Pea) Peptide & Selaginella Lepidophylla Extract & Sclerocarya Birrea Fruit Extract	透過高效3D複合生物聚合物支撐頭髮纖維經歷嚴苛的化學性處理	<ul style="list-style-type: none">• 增強頭髮• 恢復彈性• 降低斷裂• 保護頭髮

乾燥髮質

乾性髮質無美感、難以造型、無光澤且容易斷裂，是需要強列的水合或只要每日水份需求？

想要平滑角質層並鎖住水分來治療脫水的髮絲?下列產品能提供多功能益處以滿足原料選擇的需求

產品編號&名稱	INCI Name	機制	多功能功效
20742 AcquaSeal® Coconut 椰子酯鎖水保濕劑	Cocos Nucifera (Coconut) Fruit Extract	分餾的脂質快速傳遞有效、直接地且長效保濕來舒緩頭髮脫水	<ul style="list-style-type: none">• 易管理• 提高光澤度• 加強兼容性• 適合各種髮質• 添加必要營養物質
16810 ACB Pisum Sativum Peptide 豌豆胜肽	Pisum Sativum (Pea) Peptide	透過其優異的成膜性能有效地調理與保濕髮絲，並具有深層調理的功效	<ul style="list-style-type: none">• 改善兼容性• 創造柔軟髮絲• 調理• 抗氧化
20391PF ACB Cationic Glycoprotein PF 陽離子糖蛋白	Lactobacillus/Eriodictyon Californicum Ferment Extract & Phospholipids	水合最乾燥的頭髮來提高每根頭髮纖維的健康與外觀	<ul style="list-style-type: none">• 改變觸感• 撫平難控制的頭髮• 抗氫損害• 減少毛躁
20342PF ACB Yerba Santa Glycoprotein PF 北美聖草醣蛋白	Lactobacillus/Eriodictyon Californicum Ferment Extract	黏多醣與醣蛋白合作抵制過度乾燥，並提供長效潤澤功效	<ul style="list-style-type: none">• 增加光澤感• 抗毛躁• 改善外觀• 光滑造型感
20036 ACB Kale Protein Blend 羽衣甘藍複合蛋白	Hydrolyzed Kale Protein & Hydrolyzed Carrot Protein & Hydrolyzed Lemon Protein	蛋白質附著於頭髮纖維上，提供滋潤並同時創建功能膜及保護屏障	<ul style="list-style-type: none">• 提高可塑性• 豐盈• 鎖住水分• 增強光澤感
20037 ACB Quinoa Protein 藜麥蛋白	Hydrolyzed Quinoa	獨立、高含量、天然生產的蛋白質供應舒緩缺水的髮絲	<ul style="list-style-type: none">• 修復性能• 滋養• 傳遞強列的水合• 強化頭髮纖維

頭髮防護

各種髮質都需要從刻意與不經意的壓力中量身訂製保護性，在化學過程(染髮或漂白)和機械式過程(熱定型)的損傷中保護頭髮，維持頭髮強度與光澤感，下列產品可使頭髮遠離一系列化學和機械壓力導致的褪色與毛躁

產品編號&名稱	INCI Name	機制	多功能功效
22045 Active.Lite® Hair for Bleaching 頭髮漂白護髮因子	Polyquaternium-80 & Water & Pisum Sativum (Pea) Peptide & Selaginella Lepidophylla Extract	以離子結合頭髮角質層，在嚴峻的漂白劑下提供頭髮長效保護	<ul style="list-style-type: none">• 化學性的彈性材料• 使用矩陣式的支架• 強化頭髮• 保濕
22046 Active.Lite® Hair Relaxer 頭髮舒緩護髮因子	Polyquaternium-80 & Water & Pisum Sativum (Pea) Peptide & Selaginella Lepidophylla Extract & Sclerocarya Birrea Fruit Extract	透過高效3D複合生物聚合物支撐頭髮纖維經歷嚴苛的化學性處理	<ul style="list-style-type: none">• 增強頭髮• 恢復彈性• 降低斷裂• 保護頭髮
16824 AC Kerazyme® Protect 靈芝護色抗熱調理劑	Hydrolyzed Keratin & Bambusa Arundinacea Leaf Extract & Trametes Versicolor Extract	透過改善頭髮角質層的結構完整性，保護對抗褪色、紫外線傷害與熱應力	<ul style="list-style-type: none">• 密封角質層• 天然 & 安全• 滋養與調理角質層• 提高捲度持久度
20488 AC Keratin Hydrolysate SILOX 水解角質絲蛋白	Water & Hydrolyzed Vegetable Protein PG-Propyl Silanetriol	滲入頭髮內部皮質進行修復及建造強度，更容易塑型、維持健康	<ul style="list-style-type: none">• 提高兼容性• 減少斷裂• 增強光澤與平滑度• 形成保護膜• 強效水份結合能力
16618 Probacillus Revive 益生菌甦醒因子	Lactobacillus Ferment Lysate	撫平不羈的頭髮，保護免受毛躁困擾進而改善整體美學	<ul style="list-style-type: none">• 保濕• 美化外觀• 抗毛躁• 利用益生菌趨勢

頭髮防護

各種髮質都需要從刻意與不經意的壓力中量身訂製保護性，在化學過程(染髮或漂白)和機械式過程(熱定型)的損傷中保護頭髮，維持頭髮強度與光澤感，下列產品可使頭髮遠離一系列化學和機械壓力導致的褪色與毛躁

產品編號&名稱	INCI Name	機制	多功能功效
16883 AC Vegan Kerazyme® Protect 靈芝護色抗熱調理劑	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein & Bambusa Arundinacea Leaf Extract & Trametes Versicolor Extract	改善頭髮特性來防止熱與紫外線傷害，以及日常生活外界的侵略	<ul style="list-style-type: none">• 採用交聯特性• 創造保護性密封• 防止顏色擴散• 調理 & 保濕
10414 ABS Acai Sterols EFA 巴西莓果固醇脂	Euterpe Oleracea Sterols & Linoleic Acid & Oleic Acid & Linolenic Acid	消除毛躁感，同時傳遞強效保濕來馴服亂髮的長效益處	<ul style="list-style-type: none">• 增加可塑性• 適合受損或不羈髮質• 散發光澤• 保濕
20650PF AC Rice Curl Complex PF 稻米胺基酸捲髮複合劑PF	Water & Lactobacillus/Tomato Fruit Ferment Extract & Oryza Sativa (Rice) Extract & Keratin Amino Acids & Acyl Coenzyme A	可穩定氫與鹽鍵兩者，有助於強化頭髮和維持捲度	<ul style="list-style-type: none">• 提供完美光澤捲髮• 促進捲髮健康與保濕• 強效調理捲髮• 提高捲髮整體美感
20374 Curly Hair Complex 捲髮複合護髮因子	Water & Rice Amino Acids & Polyperfluoroethoxymethoxy Difluoroethyl PEG Phosphate & Acyl Coenzyme A Desaturase	利用氨基酸、不飽和酶和氟化原料的益處來營造具有彈性更豐盈的捲髮	<ul style="list-style-type: none">• 提高柔韌性• 補充結構完整性• 保濕• 撫平角質層

保濕

富含水份與水合纖維是健康營養頭髮的證明，保持頭髮水份輔以彈性、強度、活力，下列建議產品提供一系列機制解決頭髮的乾燥與水合的貧乏

產品編號&名稱	INCI Name	機制	多功能功效
26001 AC Hyalurosome 新型微脂囊包覆玻尿酸	Dimethicone & Phospholipids & Polymethylsilsesquioxane & yaluronic Acid	當暴露在親水環境下玻尿酸容易吸收水分傳遞給各種髮質	<ul style="list-style-type: none">適合喪失光滑感或經漂色處理頭髮微脂囊技術減少靜電降低毛躁感
16586 Phytofuse Renew® 復活草萃取	Selaginella Lepidophylla Extract	由復活植物所產生次生代謝相關產物可提供保護與保濕的益處	<ul style="list-style-type: none">易於塑型天然矽替代物抗汗染明顯改善光澤感
15002 AC Flax Seed Oil 亞麻仁油	Linum Usitatissimum (Linseed) Seed Oil	親脂性天然補充頭髮水分貧乏的髮絲或提供每日必需之水份含量	<ul style="list-style-type: none">滋養改善外觀保護頭髮適合各種髮質
15009 AC Olive Oil Clear 特選橄欖油	Olea Europaea (Olive) Fruit Oil	富含使柔軟性能帶來水化粗糙不羈的頭髮	<ul style="list-style-type: none">定型能力馴服捲髮適合各種髮質適合粗糙、不受控頭髮
20649PF AC Quaternized Lemon Shine PF 檸檬光澤護髮陽離子	Hydroxypropyltrimonium Lemon Protein	充滿著水份的輕盈手感，提供日常滋養	<ul style="list-style-type: none">調理角質層非常適合各類型髮質增強光滑感減少毛躁
20624PF AC Plant Keratin PF 植物角蛋白 PF	Hydrolyzed Corn Protein & ydrolyzed Wheat Protein & Hydrolyzed Soy Protein	滲透到頭髮最外層來平整&幫助引水與保持水分	<ul style="list-style-type: none">植物來源增加強度與彈性修復開叉調理特性

保濕

富含水份與水合纖維是健康營養頭髮的證明，保持頭髮水份輔以彈性、強度、活力，下列建議產品提供一系列機制解決頭髮的乾燥與水合的貧乏

產品編號&名稱	INCI Name	機制	多功能功效
20039 ACB Botanical Sugar Complex 生物發酵木薯糖分子	Tapioca Starch & Lactobacillus Ferment Lysate	植物發酵可使生物利用度提高，進而水分可迅速被吸收到髮絲裡	<ul style="list-style-type: none">• 滋養頭皮• 抗毛躁• 抗氧化特性• 無刺激物質
10247 ABS Pomegranate Sterols 紅石榴固醇脂	Punica Granatum Sterols	脂質部份可使增加水分含量和產生保護屏障對抗環境壓力	<ul style="list-style-type: none">• 黏性最小化• 增加頭髮平滑光澤• 天然的替代產品• 超級水果趨勢
20617PF AC Rice Hydrolysate PF 水解米蛋白PF	Hydrolyzed Rice Protein	因其水解後的低分子量，同時強化並提供部分每日水份	<ul style="list-style-type: none">• 成膜劑• 乳化劑• 調理頭髮纖維• 天然的替代物
20621PF AC Silk Hydrolysate PF 水解絲蛋白	Hydrolyzed Silk	透過水解氨基酸賦予柔軟絲滑般的水合美感	<ul style="list-style-type: none">• 增加光澤• 抗毛燥能力• 改善整體感• 調理
20742 AcquaSeal® Coconut 椰子酯鎖水保濕劑	Cocos Nucifera (Coconut) Fruit Extract	當密封角質層而進行強烈水合作用是為恢復與保持水分，提供持久顯著的結果	<ul style="list-style-type: none">• 適合各種髮質• 保護對抗日常街酷環境壓力• 增強兼容性• 抗氧化保護
10116PF ABS Colloidal Oat PF 膠體燕麥	Colloidal Oatmeal	在針對頭皮肌膚敏感消費者的頭髮護理產業久負盛名，提供撫平、保濕與舒緩功效	<ul style="list-style-type: none">• 保護劑• 適合敏感頭皮• 絲滑質感• 滋養

調理

全世界皆渴望柔軟可觸摸髮絲，要獲得此髮質可來自於平滑毛鱗片，平滑的角質層產生更好的可塑性，增加兼容性、強化纖維和光澤，下列有詳細最佳解決方案可獲得您所需的調理與健康的頭髮美感

產品編號&名稱	INCI Name	機制	多功能功效
20478 AC Royal Jelly Extract 蜂王乳萃取	Butylene Glycol & 10-Hydroxydecanoic Acid & Sebacic Acid & 1,10-Decanediol	維生素深層滋潤與調理角質層，提供光滑美感	<ul style="list-style-type: none">• 減少毛躁• 維生素BCDE• 密封角質層• 修復開叉
20496 ACB Modified Pumpkin Enzyme PF 改性南瓜酵素	Lactobacillus/Pumpkin Fruit Ferment Filtrate	透過分離發酵植物化學物質可獲得強烈的調理功效	<ul style="list-style-type: none">• 抗毛躁• 保濕• 改善整體感• 利用在健康與保健趨勢
20339PF ACB Bio-Chelate 5 PF 微量五元素-PF	Water&Saccharomyces/ZincFerment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	讓豐富的礦物質滲透達到撫平毛鱗片的最佳調理性能	<ul style="list-style-type: none">• 無多餘積累• 滋養• 極少乾燥• 增進頭皮健康
20530 AC Milk Hydrolysate SF 水解牛乳蛋白SF	Hydrolyzed Milk Protein	水解形式下的必需蛋白質可增強功能特性，提供日常調理法	<ul style="list-style-type: none">• 保濕• 降低毛躁• 散發光澤• 改善頭髮特性
20037 ACB Quinoa Protein 藜麥蛋白	Hydrolyzed Quinoa	恢復頭髮角質層的水合為有效調理益處	<ul style="list-style-type: none">• 無麩質的替代品• 可察覺益處• 增強頭髮活力• 保濕
20615PF AC Wheat Hydrolysate PF 小麥水解蛋白	Hydrolyzed Wheat Protein	水解蛋白容易依附，因而具有強效保濕與調理功效	<ul style="list-style-type: none">• 成膜特性• 強化頭髮纖維• 增加長時間直接性• 耐抗原料

豐盈

為頭髮增加體積可給予更厚實更柔軟的外觀，下列產品添加了豐滿與支架，為細軟頭髮類型所渴望的

產品編號&名稱	INCI Name	機制	多功能功效
16810 ACB Pisum Sativum Peptide 豌豆胜肽	Pisum Sativum (Pea) Peptide	創新的水解豌豆胜肽提供理想的豐盈益處	<ul style="list-style-type: none">• 改善可塑性• 柔軟&光滑外觀• 抗氧化• 抗老化護髮
16572PF AC Volumizing Complex PF 毛髮增量增厚複合物	Water & Rice Amino Acids & Lactobacillus/Date Fruit Ferment Extract & Polyperfluoroethoxymethoxy Difluoroethyl PEG Phosphate	利用三管齊下方式，最大化頭髮豐盈感與維持捲度的持久造型	<ul style="list-style-type: none">• 增加厚度• 增強整體感• 保濕• 維持捲度
20036 ACB Kale Protein Blend 羽衣甘藍複合蛋白	Hydrolyzed Kale Protein & Hydrolyzed Carrot Protein & Hydrolyzed Lemon Protein	蛋白質均勻附著於頭髮纖維，以滋潤和產生最大豐盈感	<ul style="list-style-type: none">• 提高可塑性• 豐盈• 鎖住水分• 增強光澤度

抗老化

隨著時間流逝，頭髮纖維強度降低，變得多孔易於損壞，抗老化護髮提供了廣泛的抗老化治療，從頭皮的生物保護到髮絲的物理性保護，下列產品採用不同機制來防止產生與老化過程相關的沉悶毫無生氣的頭髮

產品編號&名稱	INCI Name	機制	多功能功效
10286 ABS Apple AHA's 複方果酸AHA	Water & Propylene Glycol & Malic Acid & Pyrus Malus (Apple) Fruit Extract & Glycolic Acid & Lactic Acid & Citric Acid	增加一定水合作用量可防止暗沉、無光澤髮絲，同時調理頭皮	<ul style="list-style-type: none">• 調理• 有感益處• 增強頭髮活力• 保濕
10229 ABS White Willow Bark Extract Powder 白柳樹皮萃取粉末	Salix Alba (Willow) Bark Extract	在日常壓力中提供了抗氧化保護，改善了整體感與光澤度	<ul style="list-style-type: none">• 抗毛躁能力• 平順光澤造型• 保濕• 振興髮根至髮尾
16883 AC Vegan Kerazyme® Protect 靈芝護色抗熱調理劑	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein & Bambusa Arundinacea Leaf Extract & Trametes Versicolor Extract	自然使用多種水解蛋白保護褪色和熱損傷的髮束，此外有助於提高頭髮整體健康	<ul style="list-style-type: none">• 增加頭髮彈性• 平順光滑造型• 創造保護性密封• 天然滋養
20488 AC Keratin Hydrolysate SILOX 水解角質絲蛋白	Water & Hydrolyzed Vegetable Protein PG-Propyl Silanetriol	由內而外的提供頭髮強化與防止斷裂的益處	<ul style="list-style-type: none">• 滲透皮質• 增進光澤感、平滑度&兼容性• 創建保護薄膜• 水分結合能力



樣品配方

Cleansing Conditioner

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	74.87%
Arquad® PC SV-60 PG	Soytrimonium Chloride & Propylene Glycol	AkzoNobel Global	0.83%
Phase B			
Phytomulse® Coconut	Cetearyl Alcohol & Glyceryl Stearate & Coceth-20	Active Concepts	6.00%
Armocare® VGH-70	Dipalmitoylethyl Dimonium Chloride	AkzoNobel Global	1.00%
SilDerm® Conditioning	Cyclopentasiloxane & Dimethicone/Silsesquioxane Copolymer & Silk & Malva Sylvestris (Mallow) Extract & Liliium Candidum Bulb Extract & Lactobacillus/ Eriodictyon Californicum Ferment Extract & Cymbidium Grandiflorum (Orchid) Flower Extract	Active Concepts	1.00%
Phase C			
Disodium EDTA	Disodium EDTA	Spectrum Chemical	0.30%
Glycerol-99.5% (U.S.P.)	Glycerin	Textile Chemical Co	3.00%
ACB Bio-Chelate 5 PF	Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	Active Concepts	5.00%
Phase D			
Citric acid 20%	Solution Citric Acid (and) Water	Sigma-Aldrich	q.s.
Leucidal® Liquid	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amicide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%

Procedure:

1. In Phase A, add water and Arquad® PC SV-60 PG and mix at a speed that generates a vortex.
2. Cover and heat to 80°C in a water bath.
3. In a separate beaker add Phase B ingredients and heat covered until 80°C.
4. When both phases are at 80°C then combine Phase A and Phase B.
5. Hold at 80°C and mix for 15 minutes.
4. Mix thoroughly and keep beaker covered as it continues to cool. At 45°C add the ingredients of Phase C.
5. Once well mixed, add Phase D ingredients.
6. If necessary q.s. with citric acid until the pH is between 4.0-5.0.



Color Protect Shampoo

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	26.30%
ABS Aloe Extract G	Glycerin & Water & Aloe Barbadensis Leaf Extract	Active Concepts	0.50%
PhytoCide Aspen Bark Extract Powder	Populus Tremuloides (Aspen) Bark Extract	Active Micro Technologies	0.50%
AC Vegan Kerazyme Protect	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein & Bambusa Arundinacea Leaf Extract & Trametes Versicolor Extract	Active Concepts	5.50%
Phase B			
Glycerin	Glycerin	Dow	3.00%
Keltrol®	Xanthan Gum	CP Kelco	1.00%
Phase C			
Wheat Germamidopropyl Betaine	Wheat Germamidopropyl Betaine	Mackam WGB/ McIntyre	20.00%
AC Foaming Soy	Sodium Cocoyl Hydrolyzed Soy Protein	Active Concepts	15.00%
Coco/Sunfloweramidopropyl Betaine	Coco/Sunfloweramidopropyl Betaine	Mackam SFB/McIntyre	10.00%
Phase D			
AC Keratin Hydrolysate 30PF	Hydrolyzed Keratin	Active Concepts	4.00%
AC Silk Amino Acids PF	Silk Amino Acids	Active Concepts	4.00%
ACB Yerba Santa Glycoprotein PF	Lactobacillus/Eriodictyon Californicum Ferment Extract	Active Concepts	2.00%
Phase E			
Leucidal® Liquid	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amticide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%
Citric Acid 50% Solution	Citric Acid	Sigma-Aldrich	0.20%

Procedure:

1. Mix and charge water into main beaker and begin propeller mixing. A vortex should form.
2. Sift in PhytoCide Aspen Bark Extract Powder. Charge remaining ingredients and begin heating to 75°C. Mix until homogenous.
3. Pre-mix Phase B ingredients then add to main beaker and mix until homogenous.
4. Switch to sweep mixing. At 75°C add each Phase C ingredient individually to the main beaker. Allow each ingredient to disperse completely before adding the next. Begin force cooling.
5. At 50°C, add Phase D ingredients individually to the main beaker and mix until homogenous.
6. Once mixture is below 40°C add Phase E ingredients mixing thoroughly.
7. Adjust pH if necessary using Citric Acid 50% solution.



Thermal Protectant

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	83.75%
Disodium EDTA	Disodium EDTA	Spectrum Chemical	0.05%
Glycerin	Glycerin	Dow	1.00%
Rhodaquat M242 B/99	Cetrimonium Bromide	Solvay	0.80%
ACB Pisum Sativum Peptide	Pisum Sativum (Pea) Peptide	Active Concepts	2.00%
ACB Cationic Glycoprotein PF	Lactobacillus/Eriodictyon Californicum Ferment Extract & Phospholipids	Active Concepts	2.00%
AC Kerazyme® Protect	Hydrolyzed Keratin & Bambusa Arundinacea Leaf Extract & trametes Versicolor Extract	Active Concepts	1.00%
Polaxamer 430	Styrene VP/Copolymer	Univar	1.00%
Phase B			
Alkamuls® PSML-20	Polysorbate 20	Nexeo Solutions	0.20%
TEGO® SMO 80 V	Polysorbate 80	Evonik	0.20%
Phase C			
Leucidal® Liquid SF	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amticide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%
Citric Acid 50% Solution	Citric Acid	Sigma-Aldrich	q.s.

Procedure:

1. Add Phase A ingredients one at a time into water while mixing, wait until dissolved to add another.
2. Add Polaxamer 430 lastly to phase A. Mix well.
3. Mix Phase B together.
4. Add Phase B to Phase A. Mix Well.
5. Add Phase C, adjust to pH 6 using citric acid 50% solution



Anti-Frizz Treatment

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	79.25%
AC Silk Hydrolysate PF	Hydrolyzed Silk	Active Concepts	1.00%
Disodium EDTA	Disodium EDTA	Spectrum Chemical	0.05%
Carbopol® Ultrez 21 Polymer	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	0.25%
Sodium Hydroxide (18%)	Sodium Hydroxide	Sigma- Aldrich	0.20%
Phase B			
AcquaSeal® Coconut	CocosNucifera(Coconut) Fruit Extract	Active Concepts	5.00%
SilSense® Copolyol-1 Silicone	PEG-33 and PEG-8 Dimethicone and PEG-14	Lubrizol	0.25%
Glycerin	Glycerin	Dow	1.00%
ACB Kale Protein Blend	Hydrolyzed Kale Protein & Hydrolyzed Carrot Protein & Hydrolyzed Lemon Protein	Active Concepts	1.00%
Lanette® O	Cetearyl Alcohol	BASF	0.50%
Phase C			
ABS Aloe Extract G	Glycerin & Water & Aloe Barbadensis Leaf Extract	Active Concepts	2.00%
Phytofuse Renew®	SelaginellaLepidophylla Extract	Active Concepts	1.50%
Leucidal® Liquid SF	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amicide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%

Procedure:

1. Dissolve disodium EDTA and AC Silk Hydrolysate PF in deionized water. Use heat as necessary.
2. Add Carbopol® Ultrez 21 Polymer. Mix thoroughly.
3. Add sodium hydroxide, adjusting to pH5.5.
4. Maintain Phase A at a temperature of 70°C.
5. Blend ingredients of Phase B at 70°C. Mix thoroughly.
6. Add Phase B to Phase A with high speed agitation.
7. Once mixed, cool product to 40°C with mixing.
8. Add Phase C ingredients in the order listed individually to main beaker.



Anti-Aging Serum

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	74.50%
Keltrol®	Xanthan Gum	CP Kelco	0.50%
ACB Cationic Glycoprotein PF	Lactobacillus/Eriodictyon Californicum Ferment Extract & Phospholipids	Active Concepts	3.00%
ABS Apple AHA's	Water & Propylene Glycol & Malic Acid & Pyrus Malus (Apple) Fruit Extract & Glycolic Acid & Lactic Acid & Citric Acid	Active Concepts	6.00%
ACB Pisum Sativum Peptide	Pisum Sativum (Pea) Peptide	Active Concepts	5.00%
AcquaSeal® Coconut	CocosNucifera(Coconut) Fruit Extract	Active Concepts	3.00%
Phase B			
Leucidal® Liquid SF	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amticide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%
Citric Acid 50% Solution	Citric Acid	Sigma-Aldrich	q.s.

Procedure:

1. Add xanthan gum to water, allow to mix thoroughly. Heat to 60°C if necessary.
2. Once mixed thoroughly, add Phase A ingredients individually ensuring proper mixture before adding the next item while cooling.
3. Mix well.
4. Add Phase B Ingredients. Mix Well.
5. Adjust pH if necessary to 5.5.



Leave In Multi-Benefit Spray

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	43.00%
Carbopol®Aqua CC Polymer	Polyacrylate-1 Crosspolymer	Lubrizol	5.00%
ACB Kale Protein Blend	Hydrolyzed Kale Protein & Hydrolyzed Carrot Protein & Hydrolyzed Lemon Protein	Active Concepts	1.00%
PhytofuseRenew®	Selaginella Lepidophylla Extract	Active Concepts	1.50%
AC Hyalursome	Water & Polydimethylsiloxane/ Polymethylsilsesquioxane Copolymer & Phospholipids & Hyaluronic Acid	Active Concepts	1.00%
Phase B			
Deionized Water	Water (Aqua)	Local	35.00%
Tego® Amid S18	Stearamidopropyl Dimethylamine	Evonik	1.50%
Polylac® 136A	Lactic Acid	Aqia	0.60%
Hydramol™ PGPL Ester	PEG/PPG-8/3 Laurate	Lubrizol	1.50%
ACB Quinoa Protein	Hydrolyzed Quinoa	Active Concepts	1.00%
AC Cashmere Protein PF	HydrolyzedWool	Active Concepts	0.40%
Phase C			
Leucidal® Liquid	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amicide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%

Procedure:

1. Propeller mix Phase A ingredients at room temperature.
2. Assess pH, should be 4.0-4.5. Adjust if necessary with Lactic Acid 85% Solution.
3. Mix Phase B ingredients with propeller mixing and heat to 70°C. Mix until uniform.
4. Add Phase A to Phase B with propeller mixing. Mix until uniform.
5. Cool batch slowly to 40°C while mixing.
6. Add Phase C. Mix well.



Scalp Treatment

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	39.90%
PhytoCide Aspen Bark Extract Powder	Populus Tremuloides (Aspen) Bark Extract	Active Micro Technologies	2.00%
AC Alg-Moist EAU	Water (and) Algae Extract	Active Concepts	10.00%
ABS Acai Extract BG	Butylene Glycol (and) Water (and) Euterpe Oleracea Fruit Extract	Active Concepts	10.00%
ACB Bio-Chelate 5 PF	Water (and) Saccharomyces Zinc Ferment (and) Saccharomyces Copper Ferment (and) Saccharomyces Magnesium Ferment (and) Saccharomyces Iron Ferment (and) Saccharomyces Silicon Ferment	Active Concepts	5.00%
ACB Yogurt Dermal Respiratory Factor	Lactobacillus Ferment Lysate Filtrate	Active Concepts	5.00%
AC Sebum Control Enzyme PF	Butylene Glycol (and) Water (and) Spiraea Ulmaria Extract	Active Concepts	5.00%
ACB Yerba Santa Glycoprotein PF	Lactobacillus/Eriodictyon Californicum Ferment Extract	Active Concepts	5.00%
AC Hair Nutrition Complex	Serenoa Serrulata Fruit Extract (and) Threonine (and) Phosphorus (and) Azelaic Acid (and) Niacin (and) Guarana Extract (and) N-Carboxyethyl Butyric Acid (and) Retinyl Palmitate (and) Magnesium Ascorbyl Phosphate (and) Tocopherol Acetate (and) Calcium Pantothenate (and) Magnesium Salicylate (and) Ornithine Decarboxylase (and) Calphostin C (and) Zinc Gluconate	Active Concepts	5.00%
AC Keratin Hydrolysate 30 PF	Hydrolyzed Keratin	Active Concepts	2.00%
ABS Ginger Mint Extract Cooling	Water (and) Zingiber Officinale (Ginger) Root Extract (and) Mentha Piperita (Peppermint) Leaf Extract	Active Concepts	2.00%
ABS Apple AHA's	Water & Propylene Glycol & Malic Acid & Pyrus Malus (Apple) Fruit Extract & Glycolic Acid & Lactic Acid & Citric Acid	Active Concepts	1.00%
Phase B			
Leucidal® Liquid SF	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amticide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%
Sodium Hydroxide 25% Solution	Sodium Hydroxide	Sigma- Aldrich	0.10%

Procedure:

1. In main beaker, charge water and begin propeller mixing.
2. Charge Phase A ingredients individually to ensure proper mixing between each addition.
3. Add Phase B ingredients. Mix Well.

Note: Shake well before use



Split End Masque

Trade Name	INCI Name	Vendor	%
Phase A			
ABS Pomegranate Sterols	Punica Granatum Sterols	Active Concepts	1.50%
SilDerm® Softening	Cyclopentasiloxane & Dimethicone/Bis-Vinyldimethicone/ Silsesquioxane Crosspolymer & Silk	Active Concepts	1.00%
Tego® Amid S18	Stearamidopropyl Dimethylamine	Evonik	0.30%
Cetyl Esters Wax, Synthetic NF	Cetyl Esters	Spectrum Chemical	1.50%
Phytomulse® Almond	Cetearyl Alcohol & Glyceryl Stearate & Almondeth-20	Active Concepts	5.00%
CRODAMOL STS	PPG-3 Benzyl Ether Myristate)	Croda, Inc.	4.00%
AC Olive Oil Clear	Olea Europea (Olive) Fruit Oil	Active Concepts	1.00%
AC Almond Oil	Prunus Amygdalus (Sweet Almond) Dulcis Oil	Active Concepts	1.00%
AC Meadowfoam Oil	Limnanthes Alba (Meadowfoam) Seed Oil	Active Concepts	1.00%
Phase B			
Deionized Water	Water (Aqua)	Local	68.61%
Citric Acid	Citric Acid	Sigma-Aldrich	0.04%
AC Split End Complex	Hydroxypropyltrimonium Hydrolyzed Rice Protein/Siloxysilicate & Oryza Sativa (Rice) Extract	Active Concepts	5.00%
Phase C			
ABS Mint Blend G PF	Glycerin & Mentha Piperita (Peppermint) Extract & Rosmarinus Officinalis (Rosemary) Leaf Extract & Vitis Vinifera (Grape) Seed Extract	Active Concepts	1.00%
ABS Chamomile Extract PF	Butylene Glycol & Water & Chamomilla Recutita (Matricaria) Flower Extract	Active Concepts	0.05%
AC Keratin Hydrolysate SILOX	Water & Hydrolyzed Vegetable Protein PG-Propyl Silanetriol	Active Concepts	1.00%
Phase D			
Leucidal® Liquid	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Anticide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%

Procedure:

1. Combine ingredients of Parts A and B separately with mixing and heat to 75-80°C.
2. Add Part B to Part A, mixing well.
3. Cool to 50°C and add ingredients of Part C with mixing.
4. Cool to 35°C and add Part D.
5. Cool to room temperature and adjust pH to 4.5, if necessary.



UV Protection Spray

Trade Name	INCI Name	Vendor	%
Phase A			
Deionized Water	Water (Aqua)	Local	81.88%
Zemea® Propanediol	Propanediol	DuPont Tate & Lyle	1.00%
Keltrol®	Xanthan Gum	CP Kelco	0.12%
ACB Tonka Bean Bioferment PF	Lactobacillus/Dipteryx Odorata Seed Ferment Filtrate	Active Concepts	2.00%
Phytofuse Renew®	Selaginella Lepidophylla Extract	Active Concepts	4.00%
Isostearamidopropyl Morpholine Lactate	Isostearamidopropyl Morpholine Lactate	Parchem	1.00%
Cetiol® 767	PEG-6 Caprylic/Capric Glycerides	BASF	1.00%
AC Keratin Amino Acids PF	Keratin amino acids	Active Concepts	1.00%
Phase B			
Leucidal® Liquid SF	Leuconostoc/Radish Root Ferment Filtrate	Active Micro Technologies	4.00%
Amticide® Coconut	Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Active Micro Technologies	4.00%
Citric Acid 10% Solution	Citric Acid	Sigma-Aldrich	q.s.

Procedure:

1. Add xanthan gum to the propanediol. Mix Well.
2. Heat deionized water to 60°C.
3. Add xanthan gum/propanediol mixture. Allow to mix.
4. Add all the remaining ingredients individually with mixing.
5. Allow to cool while mixing.
6. Add Phase B. Allow to mix.



Dry Shampoo

Trade Name	INCI Name	Vendor	%
Phase A			
AC Rice Starch Powder	Oryza Sativa (Rice) Starch	Active Concepts	46.10%
AC Colloidal Oat Flour	Avena Sativa (Oat) Kernel Flour	Active Concepts	26.00%
Kaolin	Kaolin	Spectrum Chemical	1.00%
Dry-Flo® TS	Tapioca Starch (and) Polymethylsilsesquioxane	AkzoNobel	22.68%
Magnesium Carbonate	Magnesium Carbonate	Spectrum Chemical	1.00%
ABS Ginger Mint Extract Cooling	Water & Zingiber Officinale (Ginger) Root Extract & Mentha Piperita (Peppermint) Leaf Extract	Active Concepts	0.10%
ACB BioMilk Rice PF	Oryza Sativa (Rice) Extract	Active Concepts	0.10%
ABS White Willow Bark Powder Extract	Salix Alba (Willow) Bark Extract	Active Concepts	3.00%
Tea Tree Oil	Melaleuca Alternifolia Leaf Oil	Local	0.02%

Procedure:

1. Mix above items in descending order in a Paterson-Kelly or other appropriate powder mixer.
2. Ensure uniformity.



Active Concepts, LLC
Lincolnton, NC. USA
www.
activeconceptsllc.com
Office: +1 (704) 276 7100
info@activeconceptsllc.co
m

Active Concepts S.r.l.
Milano ITALY
www.activeconcepts.it
Tel +39 02 90360719
info@activeconcepts.it

Active Concepts LLC, Asia
Kaohsiung, Taiwan
www.activeconceptsllc.com Tel
+ 886 73599900
josephyeh@activeconceptsllc.c
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