



# Process (Straight Perm / Digital Perm)

## STRAIGHT PERM

## DIGITAL PERM

Hair Evaluation & Formulation

Pre-Shampoo



Apply Pretreatment, Adjust 0

\*We recommend SHERPA for pretreating



Apply 280 · 250 · 200 · 130 · 80



Apply 200 · 130 · 100

\*After application, using a rod with a similar diameter to the rods being used will make it easier to check curls.

Let Stand · Check Curls

\*Processing time : 15~30 min

Let Stand · Check Curls

\*Processing time : 10~15 min

Rinse

\*After rinsing Cream out of hair, continue to rinse hair well, using fingers to comb through entire head. (Approx. 3 minutes)

Treating Hair

\*We recommend QUOLINE HAIR OIL



Wind Curling Rods

Apply Heat

\*Approximately 10 minutes at 60-90°C

Cooling (3-5 min)

Dry & Iron/ Blow-dry



Apply OX



Apply AFTER CREAM



Apply AFTER LOTION

\*Remove non-waterproof rods beforehand

Let Stand : 5min

Let Stand : 10min

Let Stand : 7min + 7min

Remove Rods

Plain Rinse

After Care · Finishing

\*We recommend QUOLINE HAIR OIL



\*Recommended Amount: 80g for short hair

\*Recommended Amount: 80g for short hair

\*Recommended Amount: 80mL for short hair

ARIMINO



# QUOLINE

QUOLINE STRAIGHT & CURL

# Texture and Design

## Just The Way You Want



Straight hair with soft curls just at the tips;  
Natural curls that are more manageable, supple, and soft.

Incorporating both curls and straight hair into your design  
Not only achieves better hair quality,  
But also makes the process more fun, with a wider range of possibilities.

QUOLINE helps to create quality designs,  
just the way you want them.

# NEW QUOLINE Features

From straightening and digital perms to damaged ends:  
Tackling the many obstacles in conventional perms.

## Also works with digital perms. Enjoy a variety of designs with less heat.



With the addition of <QUOLINE 100> for digital perms, there is now an even wider range of locks to create, **with or without curls**. Furthermore, while digital perms normally require about 90°C, the QUOLINE 100 can **create redges at just 50-60°C**. As a result, hair is protected from heat damage.

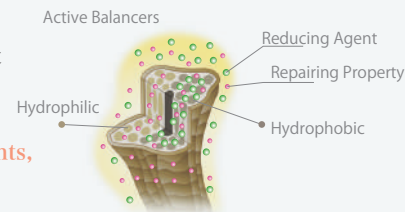


CA-T-C 100

## More manageable natural curls With the Active Balancing Function



We have kept the Active Balancing Function, which delivers the right ingredients in the right amount to the right places, from the original QUOLINE series. The Active Balancing **work on hard-to-penetrate, hydrophobic areas of natural curls, allowing key elements, such as reducing agents and hair softeners, to be effectively permeated**. The alkalinity level has also been minimized, to minimize damage to the hair,



## Enjoy Multiple Procedures Without Damages



Heat-protecting ingredients and Serum Wrap Formula

Two new formulas made **especially for pH neutral hair ends**, <QUOLINE 100 (for digital perms)> <QUOLINE 80 (for straightening)> have been added to the line **to minimize damage**.



CA-T-C 100

T-C 80

## Hair That's Addictively Soft to the Touch. Heat-protecting ingredients and Serum Wrap Formula



Trimethylglycine (betaine), derived from beets, has been added to the perming solutions and 1st cream **to prevent hair from becoming coarse from heat denaturation**.



Trimethylglycine (betaine) (Protects)

A perfectly balanced and rich serum locks in moisture, and helps to maintain supple and soft hair.



Ceramides ※1 (Moisturizes)



Keratin ※2 (Repairs)



Shea Butter (Moisturizes)



Silk PPT ※3 (Repairs)

In Perming Solution and 1st Cream

In OX 2nd, After Cream

In OX 2nd, After Cream/ Lotion

※1, N-Lauroyl L-Glutamic Acid (Phytosteryl 2 - Octyldodecyl) Lauroyl Glutamate (Phytosteryl/ Octyldodecyl)

※2, Sodium N-(2-Hydroxy-3-(Trimethylammonio) Propyl) Hydrolyzed Keratin Liquid Hydroxypropyltrimonium Hydrolyzed Keratin (Sheep's wool)

※3, Hydrolyzed Silk Liquid

Hydrolyzed Silk

## Heat-protection, for the salon and the home



### In the Salon

Pretreatment  
Before Digital perm  
and Straightening

### Home Care

For Use Before  
Dryers and Irons

This heat-protecting oil contains both **vitamin C derivative and Erucalactone**, both of which easily adhere to hair surface with added heat. It protects the hair from heat damages, and maintains suppleness.



Vitamine C Derivative ※4 (Protects)



Erucalactone ※5 (Protects)



Macadamia Nut Oil (Moisturizes)



Squalane (Moisturizes)

※4, Ascorbyl Tetrahexyldecenate

※5, Gamma-Docosalactone

QUOLINE Controls Heat for  
Perfect Curling and Straightening

# Create A Wide Range of Designs with QUOLINE

QUOLINE works on specific, individual characteristics of different types of hair to help create supple, beautiful styles. The Active Balancing Function allows for a greater range of designs, from straight styles to curls.

## Product Line Up

Straightening	●	●	●	●	●	●
Digital Perm			●	●	●	
Category	1st Agent					
Product Name	<b>T 280</b>	<b>T-C 250</b>	<b>CA-T 200</b>	<b>CA-C 130</b>	<b>CA-T-C 100</b>	<b>T-C 80</b>
						
Amount	400g	400g	400g	400g	400g	400g
pH	9.2	8.9	8.8	7.7	7.7	7.0
Alkaline Agent	Carbonate/ MEA	Carbonate/ Ammonia / MEA	Carbonate/ Ammonia	Arginine/ Ammonia	Arginine/ Ammonia	Arginine
Alkaline Amount	6.5 mL	3.5 mL	4 mL	1 mL	0.7 mL	0.7 mL
Reducing Agent	Thioglycolic Acid	Thioglycolic Acid/ L-Cysteine	Cysteamine/ Thioglycolic Acid	Cysteamine/ L-Cysteine	Cysteamine/ Thioglycolic Acid/ L-Cysteine	Thioglycolic Acid/ L-Cysteine
Hair Softening Agent						
Reducing Power	10.7%	10.7%	7%	7%	5%	5%
Hair Type Straightening	Mix of Twisted & Curly Hair 	Curly Hair 	Wavy Hair 	Delicate Hair 		
Hair Type Digital Perm			Regrowth ~ Damage level 2	Regrowth ~ Damage level 3	Damage level 3~4 (Digitally Permed Hair)	Damage level 3-4 (Straightened)

Category	2nd Agent		2nd Agent	2nd Agent
Product Name	<b>OX</b>		<b>AFTER CREAM</b>	<b>AFTER LOTION</b>
				
Amount	800g		800g	400mL
pH	3.0		6.0	6.0
Oxidizing Agent Setting Ingredient	Hydrogen Peroxide Solution		Bromate	Bromate

## Types of Reducing Agent and Their Features

Thioglycolic Acid	Cysteamine	L-Cysteine
<Curl Strength> ★★★ <Finish Texture> From supple to firm, stronger spring Works right through to inside the hair. Uses the heat of the iron to stretch out natural wave and support curl formation. Long-lasting.	<Curl Strength> ★★★ <Finish Texture> Soft, bouncy curls Works on the cortex near the cuticle for highly effective curl formation. Suitable for perming delicate hair.	<Curl Strength> ★★ <Finish Texture> Supple elasticity and spring Works mainly on the hair surface for supple elasticity, spring, and body. Suitable for perming delicate hair.

HAIR PROTECT CREAM
<b>ADJUST 0</b>

400g
5.0
Protects hair from further damages when used before processing. • Dithioglycolic acid helps soften the effects of reducing agents and softening agents • The citric acid acts as a buffer to lower the pH and suppresses excessive swelling caused by alkaline solutions. Citric Acid Na (pH control) Dithioglycolic Acid Diammonium (Protection) Betaine (Protection) ※pH control

HEAT PROTECTION OIL
<b>Hair Oil</b>

70 mL
A heat-protecting oil containing the dual protective powers of Vitamin C derivatives and Eruclactone, which both easily adhere to hair surface with added heat. In the salon before a heat treatment, and for everyday care at home, this oil protects the hair for a beautifully supple finish. Vitamin C Derivative *1 (Protects)/ Eruclactone *2 (Protects) Macadamia Nut Oil (Moisturizes)/ Squalane (Moisturizes)

## Formulation Chart

### STRAIGHT

Hair History	No Previous Straightening		Previous Straightening		
	1	2	3	4	5
Damage Level	1	2	3	4	5
Type of Natural Curl/History	Virgin Hair Friction • Heat With UV damage	Light Damage Alkaline Processing Once a Year	Medium Damage Alkaline Processing 6 Times a Year	Heavy Damage Alkaline Processing 12 Times a Year	Porous Damage Heavily Repeated Alkaline Processing
Mix of Twisted & Curly Hair	<b>280</b> 15 min	<b>280:0 (5:1)</b> 15 min	<b>280:0 (3:1)</b> 15 min	<b>80</b> *1 15 min	<b>ADJUST 0</b> *2 15 min
Curly Hair	<b>250</b> 20 min	<b>250</b> 15 min	<b>250:0 (5:1)</b> 15 min	<b>80</b> *1 15 min	<b>ADJUST 0</b> *2 15 min
Wavy Hair	<b>200</b> 25 min	<b>200</b> 20 min	<b>200</b> 15 min	<b>80</b> 15 min	<b>ADJUST 0</b> *2 15 min
Delicate Hair (Aging Hair • Fine/ Baby Hair)	<b>130</b> 30 min	<b>130</b> 25 min	<b>130</b> 20 min	<b>80</b> 15 min	<b>ADJUST 0</b> *2 15 min

\*1 For stubborn curls, mix using formula for regrowth. Eg: For stubborn curls with Damage Level 3, use 80 and 250 with a 5:1 ratio. \*2 Apply Adjust 0 beforehand for Damage Level 4.



### DIGITAL PERM

Hair History	No Previous Straightening		Previous Straightening		
	1	2	3	4	5
Damage Level	1	2	3	4	5
Hair Quality/History	Virgin Hair Friction • Heat With UV damage	Light Damage Alkaline Processing Once a Year	Medium Damage Alkaline Processing 6 Times a Year	Heavy Damage Alkaline Processing 12 Times a Year	Porous Damage Heavily Repeated Alkaline Processing
Average Hair	<b>200</b> 10~15 min	<b>200:0 (10:1)</b> 10~15 min	<b>200:0 (5:1)</b> 10~15 min	<b>100</b> 10~15 min	<b>ADJUST 0</b> *2 10~15 min

\*2 Apply Adjust 0 beforehand for Damage Level 4.

## Curl Chart (20mm rods/ 10 minutes at 60°C)

### Damage Level 1 (Virgin Hair)

<b>CA-T 200</b>	<b>CA-T-C 100</b>
	

### Damage Level 3 (Medium Damage)

<b>CA-T 200</b>	<b>CA-T-C 100</b>
	