# ضبط الجورة و الشؤون التنظيمية الدوائية

اللي بعدها فيها التفريغ.

🔽 التفريغ للدكتورة شروق شامل كلامها إن شاء الله.



## هي صورة من الموقع اللي فتحت عليه و شرحت منه شوية معلومات ببداية المحاضرة



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# OSEM









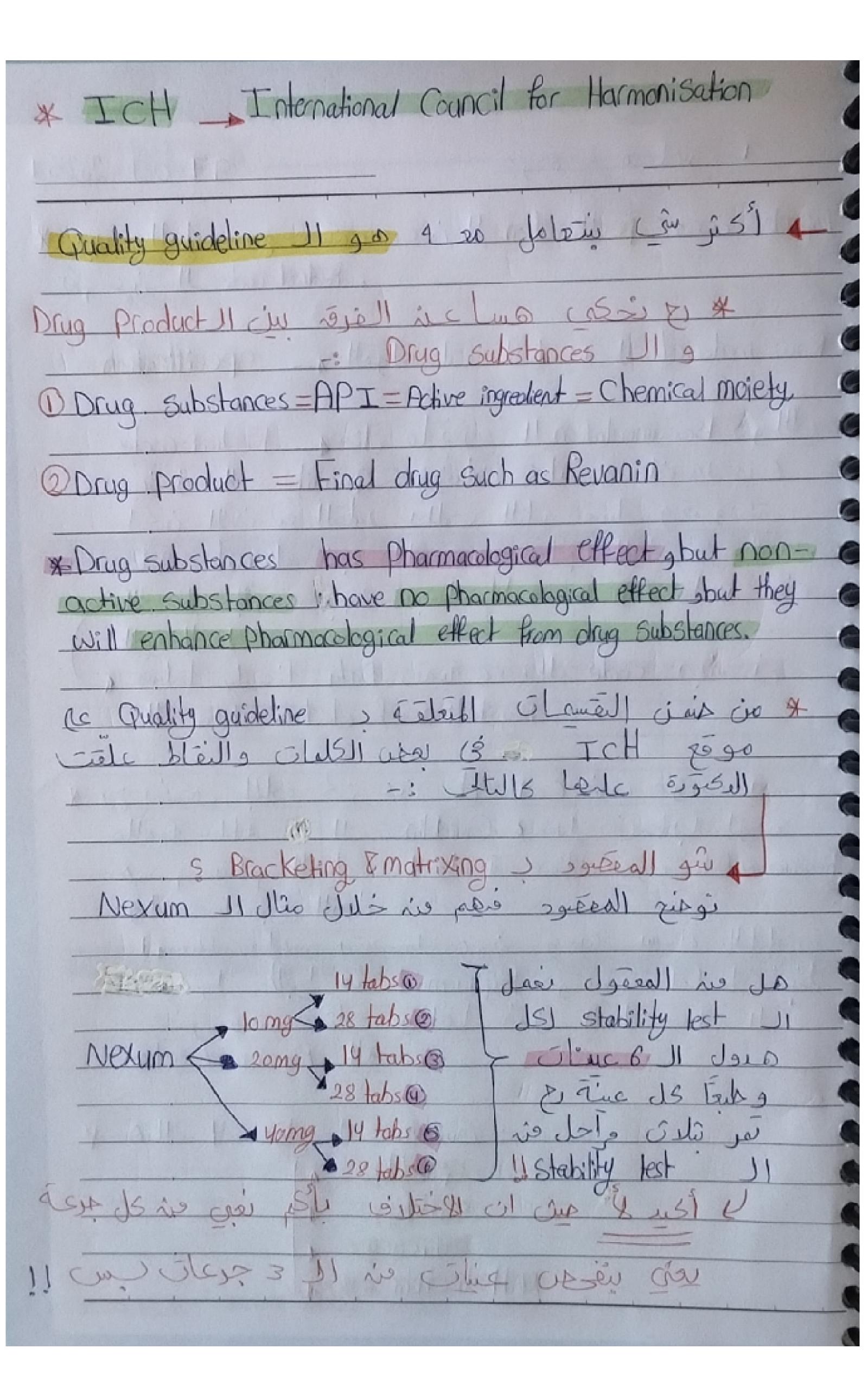


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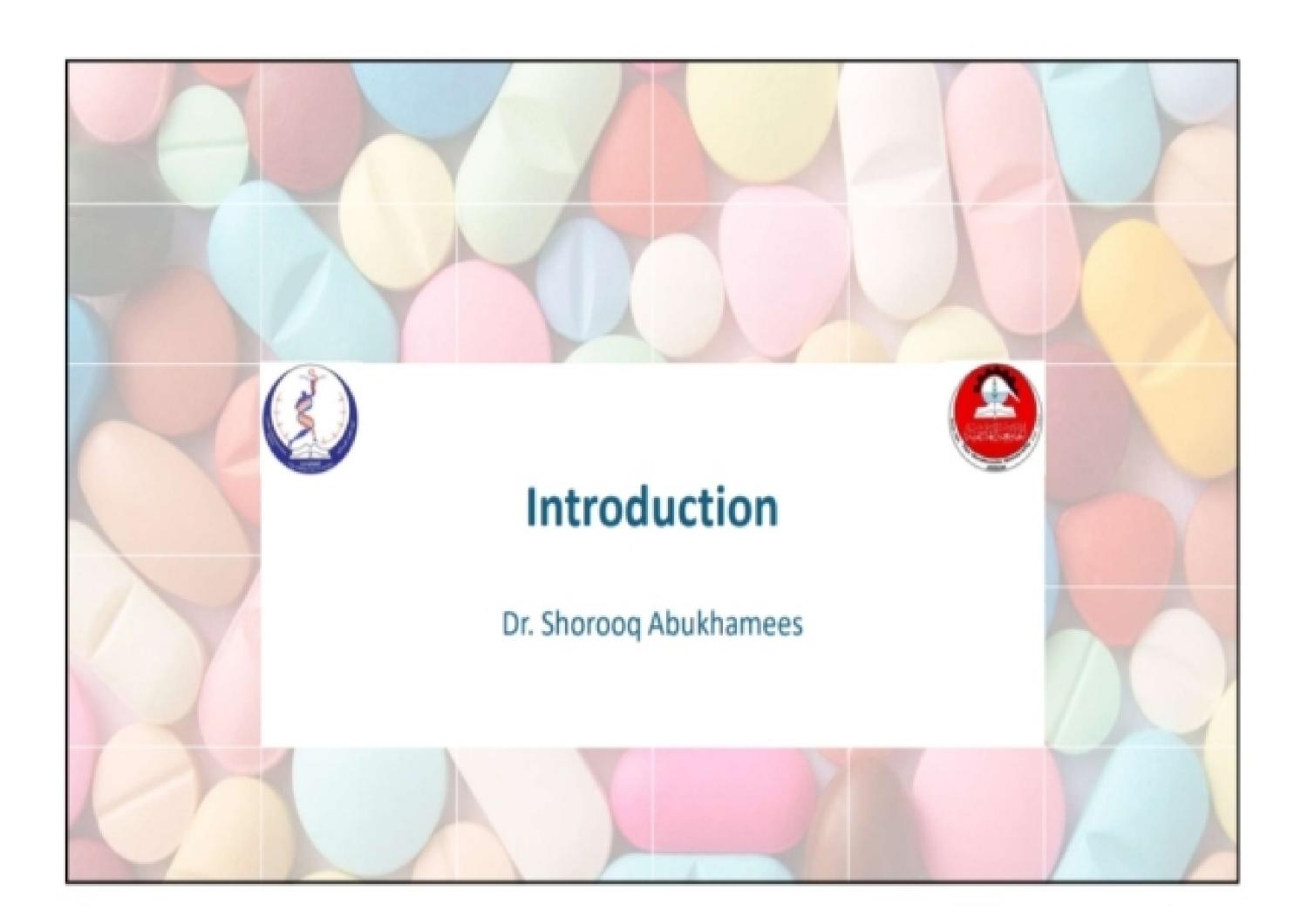
#### Quality Guidelines

Harmonisation achievements in the Quality area include pivotal milestones such as the conduct of stability studies, defining relevant thresholds for impurities testing and a more flexible approach to pharmaceutical quality based on Good Manufacturing Practice (GMP) risk management.

Q1A - Q1F Stability		^
> Q1A(R2)	Stability Testing of New Drug Substances and Products	
> Q1B	Stability Testing : Photostability Testing of New Drug Substances and Products	
> Q1C	Stability Testing for New Dosage Forms	
> Q1D	Bracketing and Matrixing Designs for Stability Testing of Drug Substances and Products	New
> Q1E	Evaluation of Stability Data	
> Q1F	Stability Data Package for Registration Applications in Cl Zones III and IV	imatic
> Q1 EWG	Stability Testing of Drug Substances and Drug Products	
Q2 Analytical Validation		~
Q3A - Q3E Impurities		~
Q4A - Q4B Pharmacopoeias		~
Q5A - Q5E Quality of Biotechnological Products		~
Q6A- Q6B Specifications		~

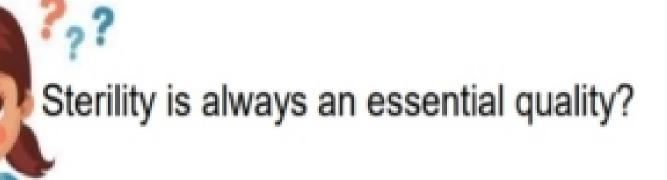


لهون خلص توضيح بعض معلومات الموقع، بعد هالصفحة رح نبلش بالسلايدات



## What is Quality

 Quality: in simple words is the essential nature of a thing and the totality of its attributes which bear upon its fitness for its intended purpose



& Guaranteed Jeil évac d'eles las les les les Il Sterile us Tello bji cino con K Sterility is not an essential quality in oral dosage form, but is an essential quality in IV dosage form Quality Lab one Taste masking 11 -: Coating Il is a city of love and film coating its of ist taste masking Il so loris ja Smooth o Glossy lels all is in ! dee o to Taske masking JI'

### What is Quality

- The suitability of either a drug substance or drug product for its intended use. This term includes such attributes as the identity, strength, and purity. [ICH Q6A]
- The degree to which a set of inherent properties (of a product, system, or process) fulfills requirements [ISO 9000 / ICH Q9 and Q10].
- Every pharmaceutical product has established identity, strength, purity, and other quality characteristics designed to ensure the required levels of safety and effectiveness.
- Achieving quality means achieving these characteristics for a product

Slide credit: Dr. Isra Dmour and Prof. Nizar Al-Zoubi

## Quality, Quality Control and Quality Assurance

#### · Quality control:

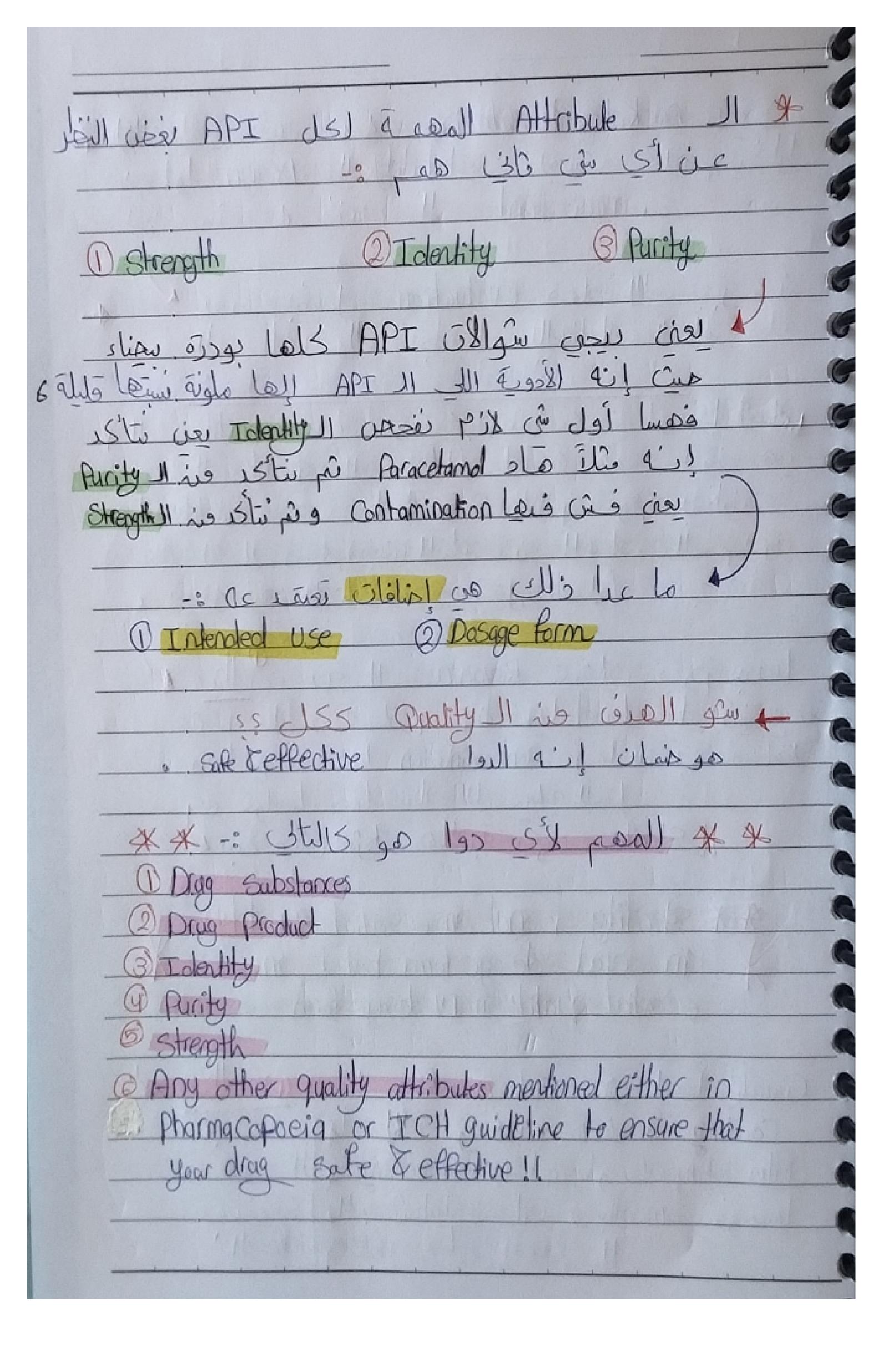
 The regulatory process through which industry measures actual quality performance, compares it with standards, and acts on the difference.

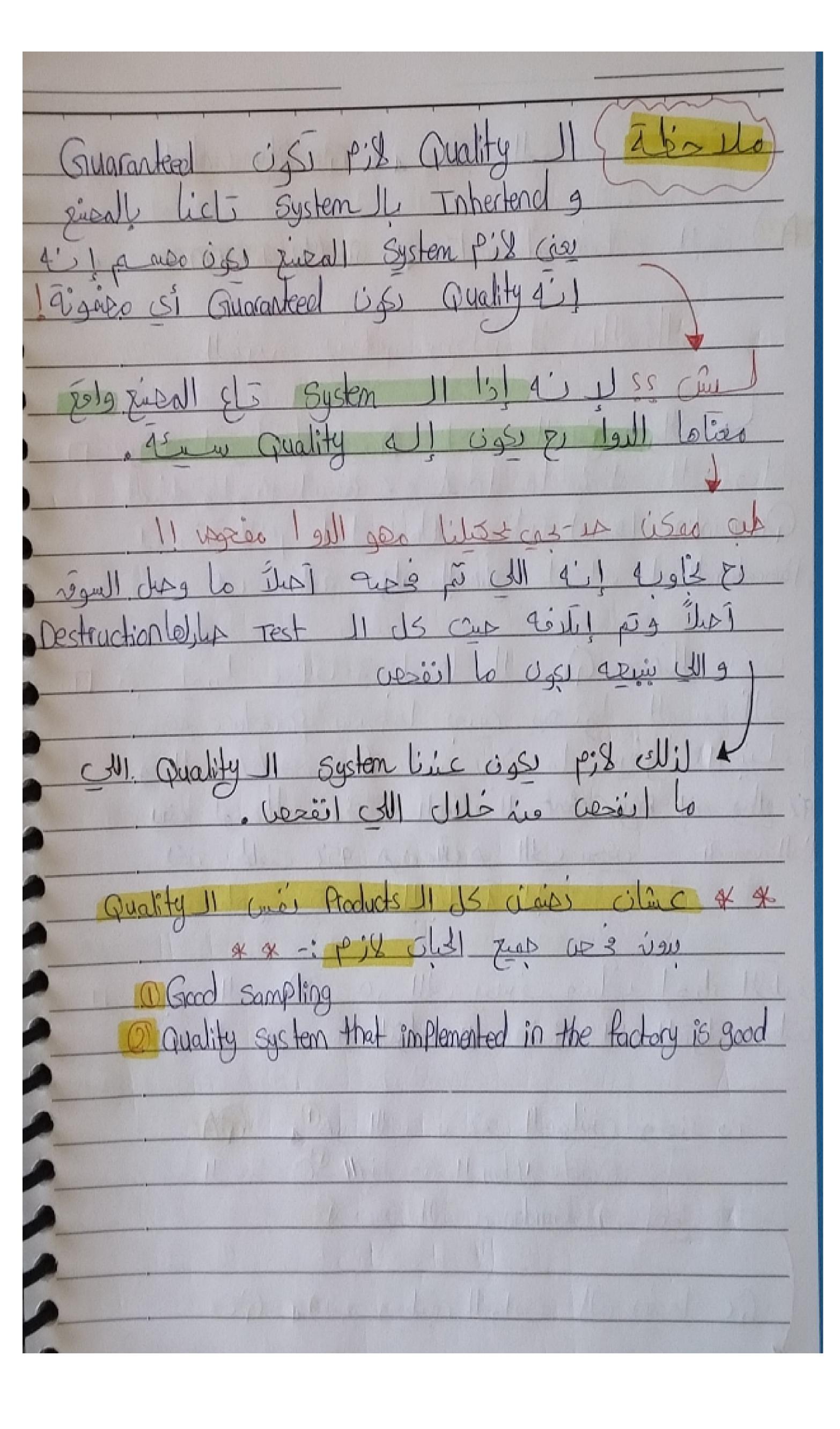
#### Quality assurance:

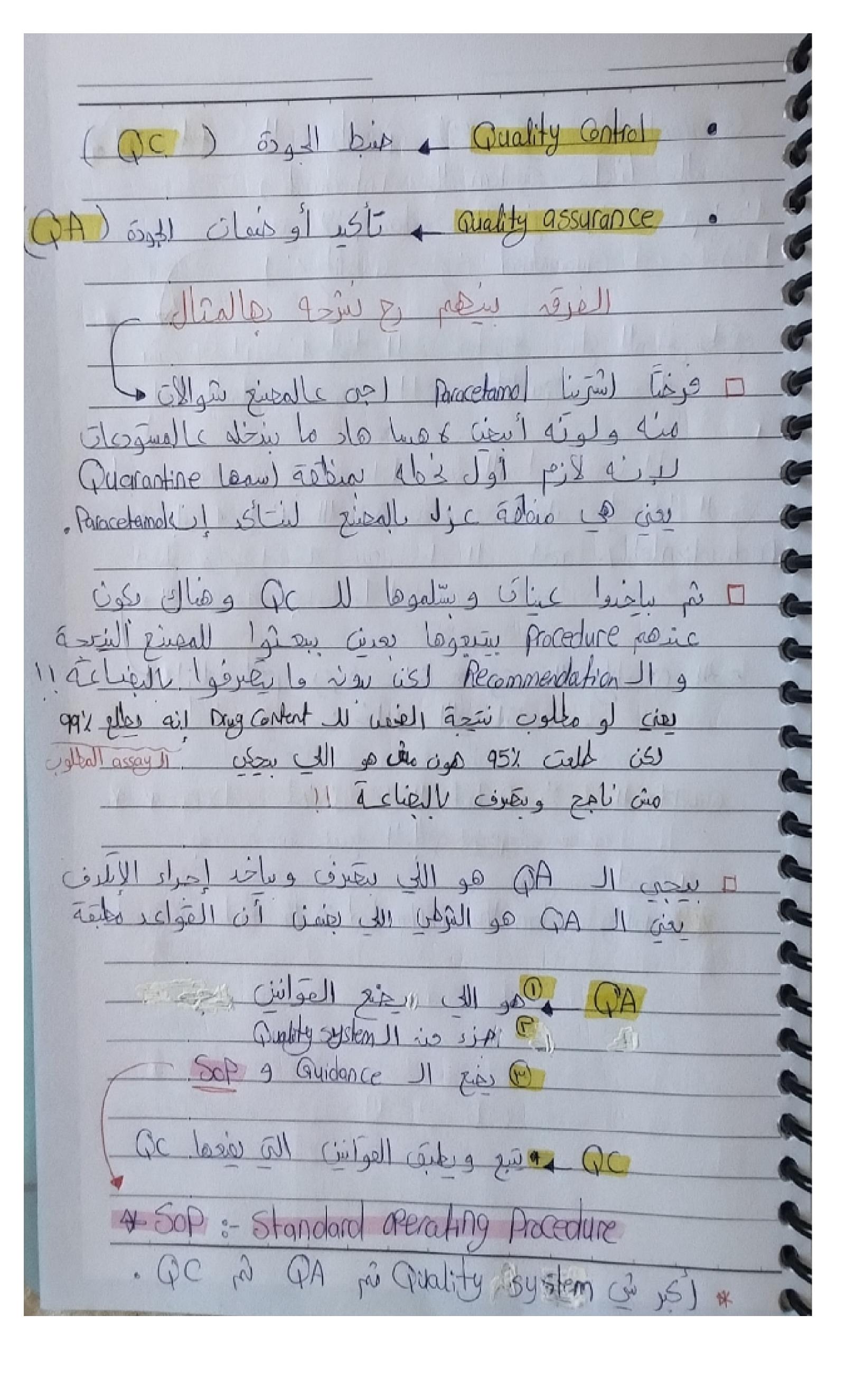
 Provision to all concerned the evidence needed to establish confidence that the activities relating to quality are being performed adequately.

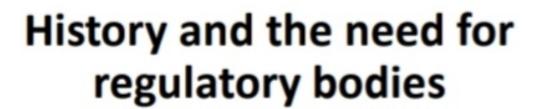


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· Thalidomide prescribed late 1950s to early 1960s







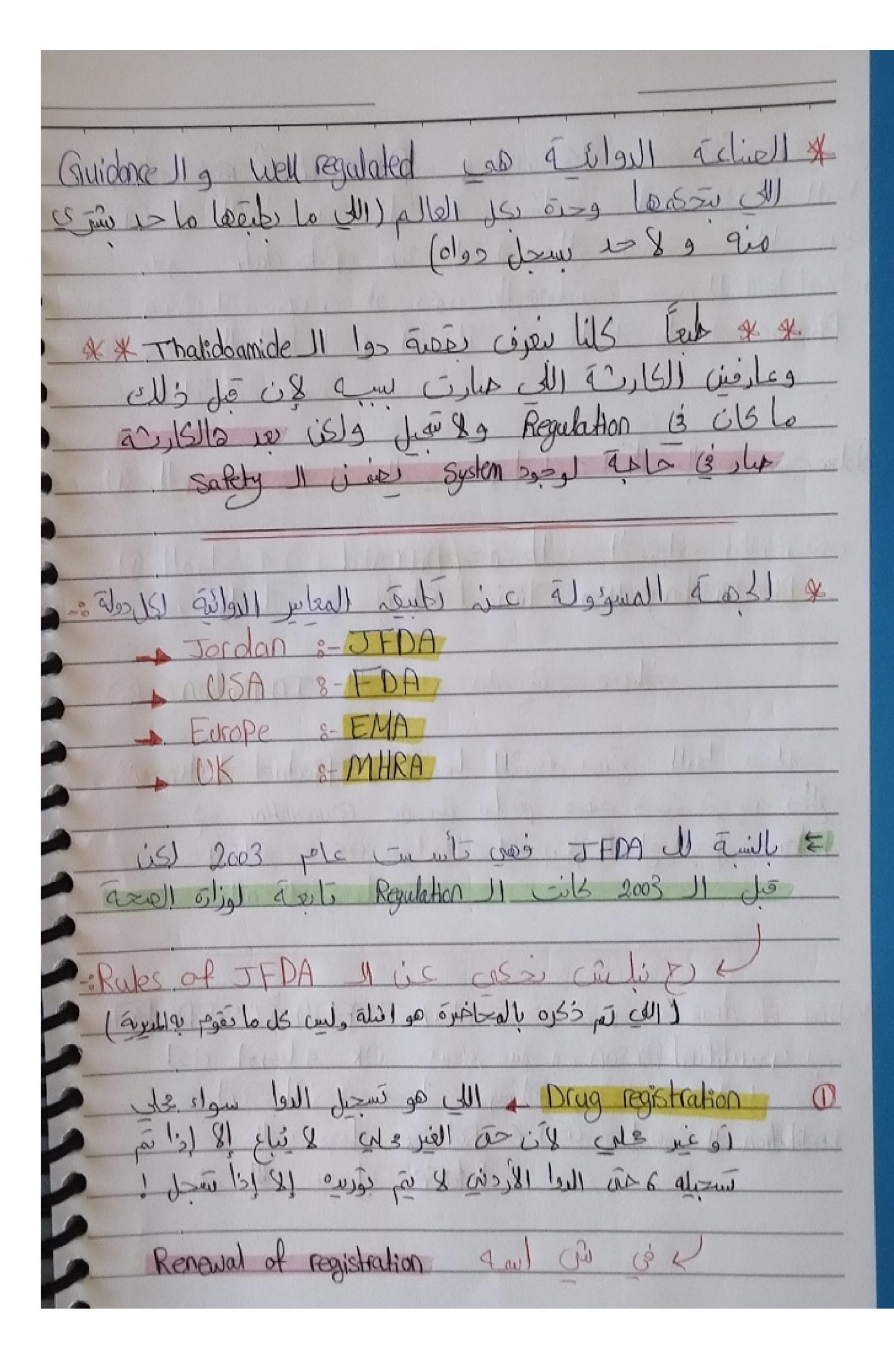
#### Regulatory authorities Examples

1. Jordan: JFDA established in 2003

2. USA: The Food and Drug Administration (FDA).

3. Europe: The European Medicines Agency (EMA)

4. UK: The Medicines and Healthcare products Regulatory Agency (MHRA).



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