



PT. PHYTOCHEMINDO REKSA

CERTIFICATE OF ANALYSIS

No. 2023911-2U-2C06C2

Product Name : Curcuma domestica C 2
Indonesian Name : Kunyit
Product Code : 2C06C2
Batch Number : 013HY
Manufacturing Date : August 2023
Expired Date : August 2026

GENERAL DATA

Dosage Form : Dry Extract
Plant Species : *Curcuma domestica*
Part Used : Rhizome
Excipients : Maltodextrin
Extraction Solvent : Ethanol

Yeni Tri Hastuti
28/08/25

PHYSICAL - CHEMICAL DATA

ITEM	STANDARD	RESULT	METHOD
Appearance	Yellow powder with characteristic odor and characteristic taste	Conform	Internal method
Mesh size 80	Minimum 90 % pass	Conform	Internal method
Water content	Maximum 10.00 %	2.95%	FI-V
Curcuminoid content	Minimum 2.00 %	2.16%	Spectrophotometry
Solubility	Soluble in water	Conform	Internal method
Total ash	Maximum 10.00 %	0.07%	FI-V
Residual solvent	Maximum 0.50 %	Conform	USP 42
Heavy Metal			
- Pb	≤ 10 mg/kg	Conform	USP 42
- Cd	≤ 0.3 mg/kg	Conform	USP 42
- As	≤ 5 mg/kg	Conform	USP 42
- Hg	≤ 0.5 mg/kg	Conform	USP 42

MICROBIOLOGICAL DATA

ITEM	STANDARD	RESULT	METHOD
Total Aerobic Bacteria	Maximum 10 ⁵ CFU/g	110 CFU/g	USP 42
Fungi	Maximum 10 ³ CFU/g	20 CFU/g	USP 42
Escherichia coli	Maximum 10 CFU/g	<10 CFU/g	USP 42
Staphylococcus aureus	Negative	Negative	USP 42
Salmonella sp.	Negative	Negative	USP 42
Pseudomonas aeruginosa	Negative	Negative	USP 42

STORAGE

Store in a cool (≤ 25 °C), dry place, in a sealed container and away from direct sunlight

DECISION : PASS

Date of Issue : September 11, 2023
Issued by :

Quality Control,

Responsible Pharmacist,