

# CERTIFICATE OF ACCREDITATION

## FITI TESTING & RESEARCH INSTITUTE

**Accreditation No. :** KRMPs-020

**Corporation Registration No. :** 114122-0000097

**Address of Reference Material Producer :** 1. 79, Magokjungang, 8-ro, 3-gil, Gangseo-gu, Seoul, Republic of Korea  
1-① (Staellite Facilities) 21, Yangcheong 3-gil, Ochang-eup, Cheongwon-gu, Cheongju-si, Chungcheongbuk-do, Republic of Korea

**Date of Initial Accreditation :** February 02, 2023.

**Validity of Accreditation :** February 02, 2023. ~ February 01, 2027.

**Scope of Accreditation :** Attached Annex

**Date of issue :** March 14, 2024.

**This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016. This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer quality management system (refer to Joint ISO-ILAC-IAF Communiqué).**



*CHIN CHONGWOOK*

**Head**

**Korea Laboratory Accreditation Scheme**

# Korea Laboratory Accreditation Scheme

No. KRMPs-020

## 1. Chemical Composition

113. Polymers

03. Other

Type of RM (CRM/RM)	(C)RM Code	Name of Material	Certified Value of Range		unit	Uncertainties (Confidence level about 95 %, $k=2$ )	Method of Measurement or Approach
RM	FITI-RM-113-POLYESTER (LOW)	Dipserse allergenic dyes - Low conc. (Polyester)	Disperse Blue 3	(20 ~ 50)	mg/kg	10 %	KS K 0736:2019
			Disperse Orange 3	(20 ~ 50)			
			Disperse Yellow 3	(20 ~ 50)			
			Disperse Red 1	(20 ~ 50)			
			Disperse Red 11	(20 ~ 50)			
			Disperse Red 17	(20 ~ 50)			
RM	FITI-RM-113-ACETATE (LOW)	Dipserse allergenic dyes - Low conc. (Acetate)	Disperse Blue 3	(20 ~ 50)	mg/kg	10 %	KS K 0736:2019
			Disperse Orange 3	(20 ~ 50)			
			Disperse Yellow 3	(20 ~ 50)			
			Disperse Red 1	(20 ~ 50)			
			Disperse Red 11	(20 ~ 50)			
			Disperse Red 17	(20 ~ 50)			
RM	FITI-RM-113-POLYESTER (HIGH)	Dipserse allergenic dyes - High conc. (Polyester)	Disperse Blue 3	(70 ~ 100)	mg/kg	10 %	KS K 0736:2019
			Disperse Orange 3	(70 ~ 100)			
			Disperse Yellow 3	(70 ~ 100)			
			Disperse Red 1	(70 ~ 100)			
			Disperse Red 11	(70 ~ 100)			
			Disperse Red 17	(70 ~ 100)			
RM	FITI-RM-113-ACETATE (HIGH)	Dipserse allergenic dyes - High conc. (Acetate)	Disperse Blue 3	(70 ~ 100)	mg/kg	10 %	KS K 0736:2019
			Disperse Orange 3	(70 ~ 100)			
			Disperse Yellow 3	(70 ~ 100)			
			Disperse Red 1	(70 ~ 100)			
			Disperse Red 11	(70 ~ 100)			
			Disperse Red 17	(70 ~ 100)			

114. Other chemical composition

Type of RM (CRM/RM)	(C)RM Code	Name of Material	Certified Value of Range		unit	Uncertainties (Confidence level about 95 %, $k=2$ )	Method of Measurement or Approach
RM	FITI-RM-114-COTTON/POLYESTER (LOW)	AZO dyes (Aryl amines)-Cotton/Polyester (Low)	O-anisidine	(10 ~ 30)	mg/kg	10 %	KS K 0147:2021
			4-aminobiphenyl	(10 ~ 30)			
			Benzidine	(10 ~ 30)			
RM	FITI-RM-114-NYLON(HIGH)	AZO dyes (Aryl amines)-Nylon(High)	O-anisidine	(30 ~ 100)	mg/kg	10 %	KS K 0147:2021
RM	FITI-RM-114-AC	The aerobic compost for evaluating biodegradability and biodegradability	Volatile solid	(650 ~ 750)	g/kg	10 %	KS M ISO 14855-1:2012, KS T ISO 20200:2004

End.