



# UENO FINE CHEMICALS INDUSTRY, LTD.

Headquarters  
2-4-8, KORAIBASHI, CHUO-KU OSAKA 541-8543 JAPAN  
PHONE +81(0) 6 6203 6191 FAX +81(0) 6 6229 3895

YOKKAICHI FACTORY  
1-4 Kasumi, Yokkaichi-shi MIE 510-0011, JAPAN

## CERTIFICATE OF ANALYSIS

PRODUCT NAME : UENO PROPYL PARABEN NF

PAGE. 1

LOT NO. : CF1111

2015/07/17

CASE NO. : 81 - 120

QUANTITY : 25KG X 40

TEST ITEMS	UNIT	SPECIFICATION	RESULTS
Appearance		White, crystalline powder	White, crystalline powder
Melting point	°C	96 ~ 98 (light transmission)	98
Infrared absorption (EP/BP/USP/NF/FCC)		Pass	Pass
Appearance of solution (EP/BP)		Pass	Pass
Colour of solution (USP/NF)		Pass	Pass
Acidity (EP/BP/USP/NF)	ml	0.1 MAX. (0.1M NaOH)	0.01
Acidity (FCC)		yellow without even a light cast pink	Pass
Related substances (EP/BP/USP/NF)	%	p-Hydroxybenzoic acid:0.5MAX. Unspecified impurities:0.5MAX. Total impurities:1.0MAX.	Less than 0.5 Less than 0.5 Less than 1.0
Residue on ignition (USP/NF/FCC)	%	0.05 MAX.	0.01
Sulphated ash (EP/BP/FCC)	%	0.05 MAX.	0.01
Assay (EP/BP/USP/NF/FCC)	%	99.0 ~ 100.5	100.0
Residual solvents (n-Propanol)	ppm	5000 MAX.	Less than 10
Lead (FCC)	ppm	2 MAX.	Less than 2
Melting point of p-hydroxybenzoic acid (FCC)	°C	213 ~ 217	216
Loss on drying (FCC)	%	0.5 MAX.	0.01
Date of manufacture			2015.06.11
Date of analysis			2015.06.12
Date of expiration			2020.06.10

Remarks: Material meets the specification of current pharmacopoeia (BP/EP/USP/NF) and FCC.  
It also meets the specification of current JP.  
EC234-2

Quality assurance dept.

S.V.T.O