



CERTIFICATE OF ANALYSIS

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Product Name : PGUSP

Lot No : KH5273PU1B

Manufacturing Date : 2024-05-27

Expiry Date : 2026-05-26

Property	Specification	Test Result	Test Method
Identification , -	Pass	Pass	Current USP
Appearance , -	Clear	Clear,Colorless	Visible
MPG , wt.%	Min. 99.8	99.98	Current USP/ASTM E 202
EG , wt.%	Max. 0.005	0	Current USP/IP
DEG , wt.%	Max. 0.005	0	Current USP/IP
Residue on Ignition , ppm	Max. 20	5.0	Current USP
Chloride , ppm	Max. 1	LT 0.1	Current USP/IP
Sulfate , ppm	Max. 10	0.0	Current USP/IP
Elemental Impurity , ppm	Max. 1	LT1.0	Current USP/EP/IP
Sp.Gr , 20/20 c	1.037 - 1.039	1.038	Current USP/ASTM D 4052
Sp.Gr(USP) , 25/25 c	1.035 - 1.037	1.036	Current USP/EP/IPASTM D 4052
Acidity , ml	Max. 0.05	0.02	Current USP/EP/IP/ASTM D 1613
Water , wt.%	Max. 0.07	0.0070	Current USP/EP/IP/ASTM E 203
Fe , ppm	Max. 0.1	0.02	ASTM E 394
Color , APHA	Max. 10	2.0	ASTM D 1209
IBP , DegC	Min. 186	186.2	ASTM D 1078
DP , DegC	Max. 189	187.4	ASTM D 1078

*LT : Less Than
 * CREDIT NUMBER:014ITSY123895
 * LC DATE OF ISSUE:2024.05.27
 * COMMERCIAL INVOICE NUMBER:MHC01826
 * COMMERCIAL INVOICE DATE:MAY.29,2024

I certify the above statements are true and correct.

Issue Date : 2024-06-05

Quality Assurance Manager : D. S. KANG

