



P022603

Pyridoxal 5-phosphate (P5P) monohydrate				
Product Code :			2001170	
Certificate of Analysis				
Version SDS	Date	Conclusion	Written by	Sign
002	2021-12-16	Conform	A.GAUTRON Quality assistant	
			Validated by	Sign
			A.MEUNIER Quality technician	
Manufacturing				
Product name	Pyridoxal, 5-(dihydrogen phosphate)			
Molecular Formula	C ₈ H ₁₀ NO ₆ P.H ₂ O			
CAS n°	41468-25-1			
Einecs n°	200-208-3			
Additives / Carrier	None			
Molecular weight	265.15g/mol			
Origin	China			
Batch number	O-2001170-210321	Manufacture Date	2021-03	
		Best Before Date	2023-03	
Properties	Specifications		Results **	
Organoleptic				
Appearance	White to Pale-Yellow		Complies	
Odor & Taste	Characteristic		Complies	
Physical and Chemical				
Loss on drying	≤ 10%			7,8%
Particle size	≤ 90% pass trough #30 mesh		Complies	
pH	2.6 – 3.0		2,9	
Assay				
Assay (Dry basis)	99.0 % - 101.0 % by HPLC		99,2%	
Pyridoxal Content	Around 63% 'As Is'(1)		62.51%	
	Around 67.6% 'Dry basis'(1)		67.07%	
Pyridoxine	≤ 0.05% by HPLC		Complies	
Microbiological				
Total Plat Count	≤ 1 000 CFU/g		Complies	
Yeast & Moulds	≤ 100 CFU/g		Complies	
E.coli	Absence (10g)		ND	
Salmonella	Absence (25g)		ND	
Contaminants*				
Lead	≤ 3ppm		Complies	
Cadmium	≤ 1ppm		Complies	
Mercury	≤ 0.1ppm		Complies	
Arsenic	≤ 1ppm		Complies	
Shelf Life	2 years			
Allergens	Absence			
Ionization	Certified in compliance with Regulation 1999/2/CE & 1999/3/EC.			
TSE/BSE	Certified in compliance with Regulation 999/2001/EC			
Nanomaterials	Certified in compliance with Decree 2012/232 & Decree dated August 6th, 2012			
GMO	Certified in compliance with Regulation 1829/2003/EC & 1830/2003/EC			

*According to a control plan

(1) By calculation

Remarks: To be stored in original tightly closed package away from moisture and sunlight

Abbreviations: ND: not determined / NA: not applicable

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