

No.: BPAP-604-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Sulfasalazine	CAS No.	599-79-1
Batch No.	P040660419A	Mfg. Date	Jun. 15, 2019
Quantity	500kg	Retest Date	Jun. 14, 2023
Packing	20kg/Drum	Report Date	Jun. 20, 2019
Specification	USP40		

ITEM	SPECIFICATION	RESULT
Description	Bright yellow or brownish yellow, odorless powder	Brownish yellow powder
Melting Point	Melts at about 255°C (with decomposition)	255°C
Solubility	Soluble in aqueous solutions of alkali hydroxides; very slightly soluble in alcohol; practically insoluble in water, in ether, in chloroform, and in benzene	Complies
Identification	IR: The IR obtained with test sample correspond to the standard	Complies
	UV: UV spectrum of sample should be identical with that of standard spectrum	Complies
Loss on Drying	≤1.0%	0.1%
Heavy Metals	≤20ppm	<20ppm
Residue on Ignition	≤0.5%	<0.1%
Chloride	≤0.014%	<0.014%
Sulfate	≤0.04%	<0.04%
Related Substances(TLC)	The R _F value of the principal spot of the sample solution corresponds to that of the standard solution	Complies
	Any other Impurity ≤2%	<2%
	Total Impurities ≤4%	<4%
Assay	97.0%~101.5% (Dried substance)	99.5%
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: