Bravado PHARMACEUTICALS, LLC

Certificate of Analysis	
Material Name: Potassium Alum	
Batch No: 26007	**Date of Manufacture:** 11Sep2026
Timepoint: Release	**Condition:** NA
Description: white crystalline solid	

Test	Method	Specification	Result
Appearance	Visual	white crystalline solid	white crystalline solid
Identification A	USP Monograph	A precipitate is formed that dissolves in an excess of the reagent. Ammonia does not evolve.	A precipitate formed that dissolved in an excess of the reagent. Ammonia did not evolve
Identification B	USP Monograph	A violet color is imparted to the flame.	A violet colored flame was observed.
Identification C	USP Monograph	A white, crystalline precipitate is formed within 30 min.	A white, crystalline precipitate formed within 30 min.
Identification D	Aluminum USP<191>	A gelatinous, white precipitate forms that is insoluble in an excess of 6N NH_4OH.	A gelatinous, white precipitate formed that was insoluble in an excess of 6N NH_4OH.
		A gelatinous, white precipitate forms, which dissolves in an excess of 1N NaOH	A gelatinous, white precipitate formed that dissolved in an excess of 1N NaOH.
Identification D	Sulfate <USP 191>	A white precipitate forms that is insoluble in HCl and in HNO_3	A white precipitate formed that was insoluble in HCl and in HNO_3
		A white precipitate forms that is soluble in $NH_4C_2H_3O_2$ TS	A white precipitate formed that was soluble in $NH_4C_2H_3O_2$ TS
Identification D	Sulfate <USP 191>	No precipitates form upon addition of HCl.	No precipitates form upon addition of HCl.
Assay	USP Monograph	99.0-100.5%	100.2%
Impurity (Iron)	USP Monograph	No blue color is produced immediately.	No blue color was produced immediately
Loss on Drying	USP Monograph	43.0-46.0%	45.4%
Sterility	USP <71>	No growth	No growth
Endotoxin	USP <85>	< 35 EU/g	< 4 EU/g

QA Review/Approval Signature/Date: SR 14Oct2026