

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	37660
Product	Benserazide hydrochloride
Lot Number	002781-20211120
	DL-Serine 2-(2,3,4-Trihydroxybenzyl)hydrazide hydrochloride
CAS Number	14919-77-8
Molecular Formula	C ₁₀ H ₁₅ N ₃ O ₅ •HCl
Molecular Weight	293.7

Appearance	Almost white crystalline powder
Appearance of Solution	The solution is clear, not more intensely colored than reference solution BY6
Solubility	Freely soluble in water, very slightly soluble in anhydrous ethanol, practically insoluble in acetone.
Heavy Metals	< 20 ppm
Anion	Chloride : Gives reaction of chloride
Water Content (Karl Fisher)	0.65%
pH	4.5
Infrared Spectrum	Conforms to structure
Residual Solvents	Ethanol : Not detected Methanol : 1424 ppm
Related Substances	Impurity A : 0.07% Impurity B : 0.12% Impurity C : Not detected Unspecified impurities : 0.07% Sum of impurities : 0.24%
Sulfated Ash	0.03%
Purity by HPLC	99.6%
Storage	Store at 2 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager